

August 12, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 6-24-9-15, 9-27-9-15, 10-27-9-15, 11-27-9-15, 13-27-9-15, 14-27-9-15, 15-27-9-15, and 16-27-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 10-27, 13-27, and 15-27 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Wandie Crozier

Sincercy,

Mandie Crozier

Regulatory Specialist

mç

enclosures

RECEIVED
AUG 1 9 2005

DIV. OF OIL, GAS & MINING

4356463031

Form 3160-3 FORM APPROVED OMB No. 1004-0136 Expires Inchary 31, 2004 (September 2001) UNITED STATES. DEPARTMENT OF THE INTERIOR 5. Lense Serial No. BUREAU OF LAND MANAGEMENT UTU-74827 APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allestee or Tribe Name 7. If Unit or CA Agreement, Name and No. in. Type of Work: DI DRILL REENTER Ashley 8. Lause Name and Well No. 1b. Type of Well: Dil Well Gas Well Other Single Zane 🔲 Mukipic Zone Ashley Federal 13-27-9-15 2. Name of Operator 9. AFI Well No. 1 3-013-328 Newfield Production Company 3a. Address 3h. Phone No. (Include orea cods) 10. Field and Pool, or Exploratory Route #3 Box 3630, Myton UT 84052 (435) 646-3721 Monument Bulle Under gnated 4. Location of Well (Report location clearly and in accordance with any State requirements. II. Sec., T., R., M., or Blk. and Survey or A At surface SW/SW (Lot #4) 438 FSL 510 FWL 4427357X 39. 9 9 5 4 9 5661964 - 110.22458 At proposed prod zone SW/SW Sec. 27, T98 R15E 14. Distance in miles and direction from nearest town or post office" 12. County or Partish 13. State Approximation 18.4 miles southwest of Myton, Utah Duchesne UT 15. Distance from proposed* 16. No. of Acres in lense 17. Specing Unit dedicated to this well ocation to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) Approx, 438 flue, 438 flue! 148,16 Approx. 40 Acres Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth 20. BLM/BIA Bond No. on file Approx. 14671 5975 UT0056 21. Elevations (Show whether DF, KDB, RT, GL. etc.) 22. Approximate date work will start* 23. Estimated duration 6647' QL 1st Quarter 2005 Approximately never (7) days from soul to its interne 24. Attachments The following, completed in secondance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form; 1. Well plat certified by a registered surveyor, 4. Bond to cover the operations unless covered by an existing bond on file (see 2. A Drilling Plan. Itom 20 above). 3. A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification. SUPO shall he flied with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the authorized officer. 24. Signate Name (Printed/Typed) Mandie Crozier Title ≿ialist AR BRADLEY G. HILI Title ENVIRONMENTAL SCIENTIST III

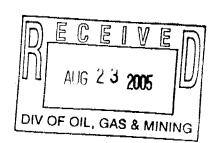
Application approval does not variant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

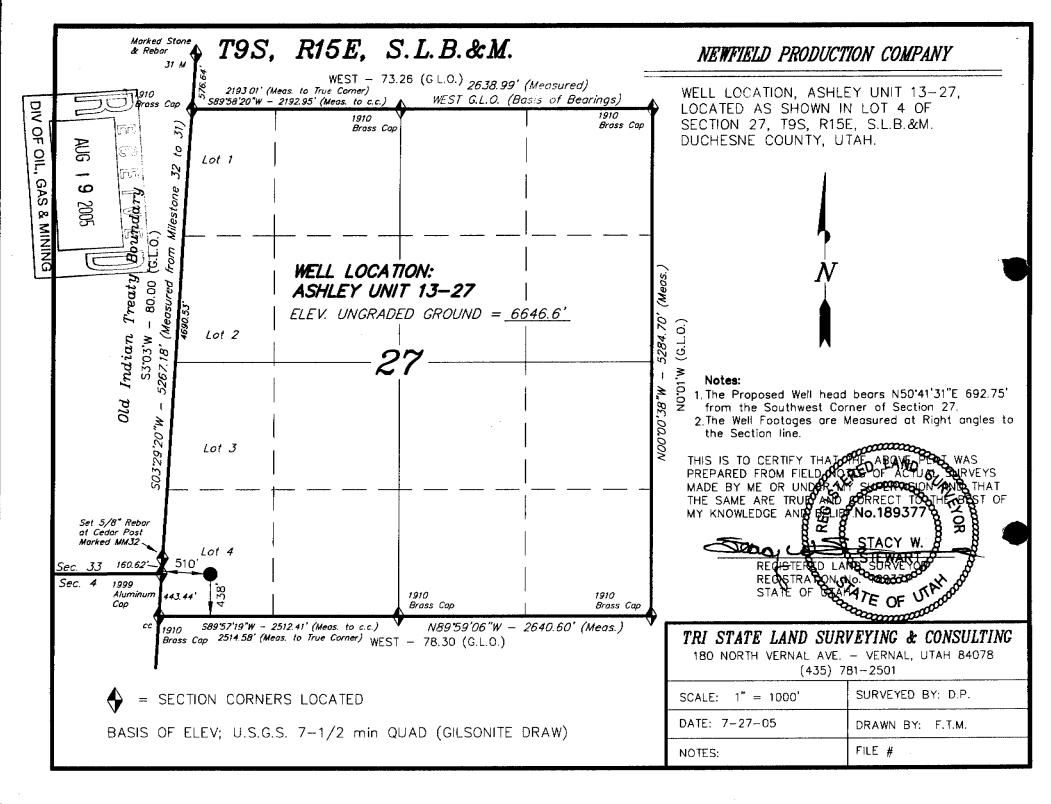
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any faire, fictitious or fraudulent statements or representations us to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this Action is Necessary





NEWFIELD PRODUCTION COMPANY ASHLEY FEDERAL #13-27-9-15 SW/SW (LOT #4) SECTION 27, T9S, R15E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. <u>GEOLOGIC SURFACE FORMATION:</u>

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta

0' - 2550'

Green River

2550'

Wasatch

5975'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2550' - 5975' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP. . .

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY ASHLEY FEDERAL #13-27-9-15 SW/SW (LOT #4) SECTION 27, T9S, R15E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #13-27-9-15 located in the SW 1/4 SW 1/4, (Lot #4) Section 27, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly -13.1 miles \pm to it's junction with an existing two track road to be upgraded; proceed southwesterly $-5,240^{\circ} \pm$ to it's junction with the beginning of the proposed access road; proceed along the proposed access road $4,660^{\circ} \pm$ to the proposed well location.

2. <u>PLANNED ACCESS ROAD</u>

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

All permanent surfaces equipment will be painted Olive Black.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover pages, Exhibit "D".

For the Ashley Federal #13-27-9-15 Newfield Production Company requests 2460' of disturbed area be granted in Lease UTU-66185 and 2200' of disturbed area be granted in Lease UTU-74827 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 450' of disturbed area be granted in Lease UTU-02458, 2460' of disturbed area be granted in Lease UTU-027345, 5590' of disturbed area be granted in Lease UTU-66185, and 2200' of disturbed area be granted in Lease UTU-74827 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 450' of disturbed area be granted in Lease UTU-02458, 2460' of disturbed area be granted in Lease UTU-027345, 5590' of disturbed area be granted in Lease UTU-66185, and 2200' of disturbed area be granted in Lease UTU-74827 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Elk and Deer winter range: No new construction or surface disturbing activities will be allowed Dec. 1st and April 30th.

Reserve Pit Liner

Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Fourwing Saltbush	Atriplex Canescens	4 lbs/acre
Bearded Bluebunch Wheatgrass	Agropyron Spicatum	4 lbs/acre
Blue Flax	Linum Perenne	3 lbs /acre
Black Sage	Artemisia Nova	1 lbs /acre

Details of the On-Site Inspection

The proposed Ashley Federal #13-27-9-15 was on-sited on 6/8/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Amy Torres (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

<u>Representative</u>

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

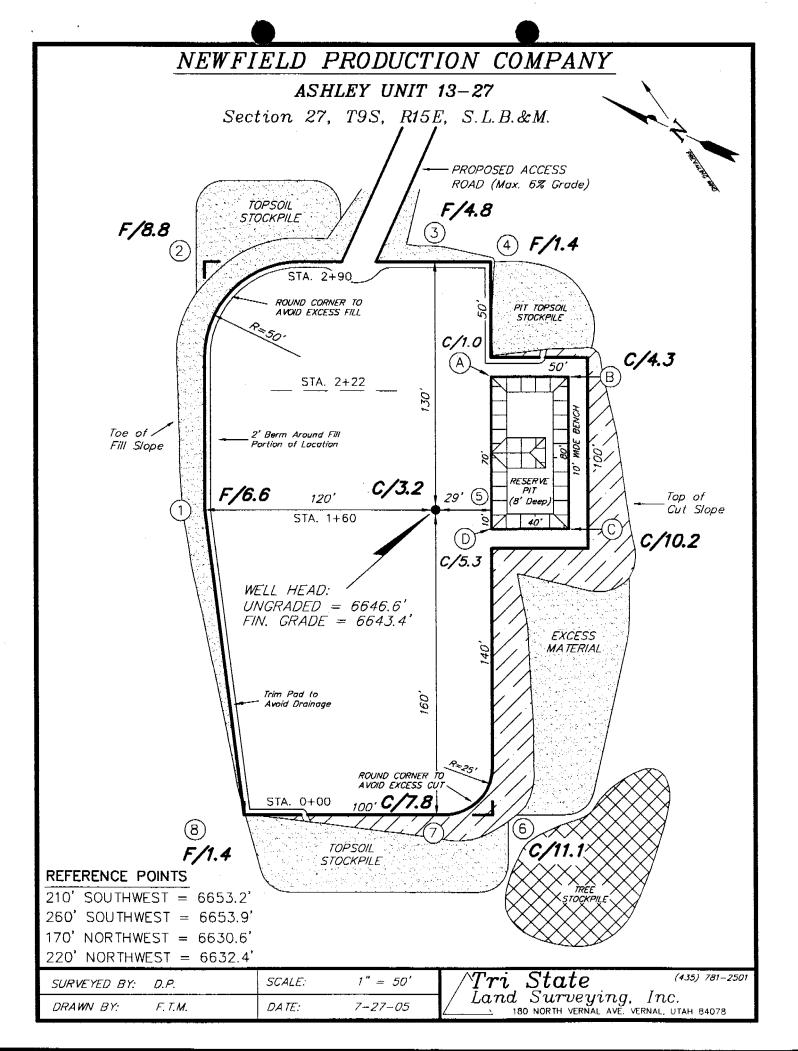
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-27-9-15 SW/SW Section 27, Township 9S, Range 15E: Lease UTU-74827 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

75.4

Mandie Crozier

Regulatory Specialist
Newfield Production Company



NEWFIELD PRODUCTION COMPANY CROSS SECTIONS ASHLEY UNIT 13-27 20, STA. 2+90 1'' = 50'20, STA. 2+22 1" = 50'EXISTING GRADE FINISHED GRADE 20, WELL HOLE 1" = 50'STA. 1+60 20, 1'' = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yords) ITEM CUT FILL 6" TOPSOIL **EXCESS** PAD Topsoil is 4,100 4,100 NOTE: not included in Pad Cut UNLESS OTHERWISE NOTED PIT 640 640 ALL CUT/FILL SLOPES ARE 4,740 4,100 TOTALS 1,050 640 AT 1.5:1 (435) 781-2501 State

1" = 50'

7-27-05

Tri

Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

SCALE:

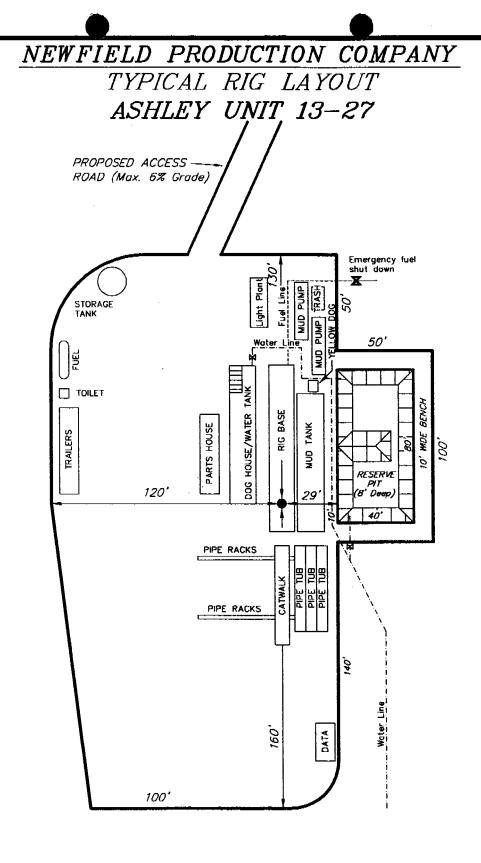
DATE:

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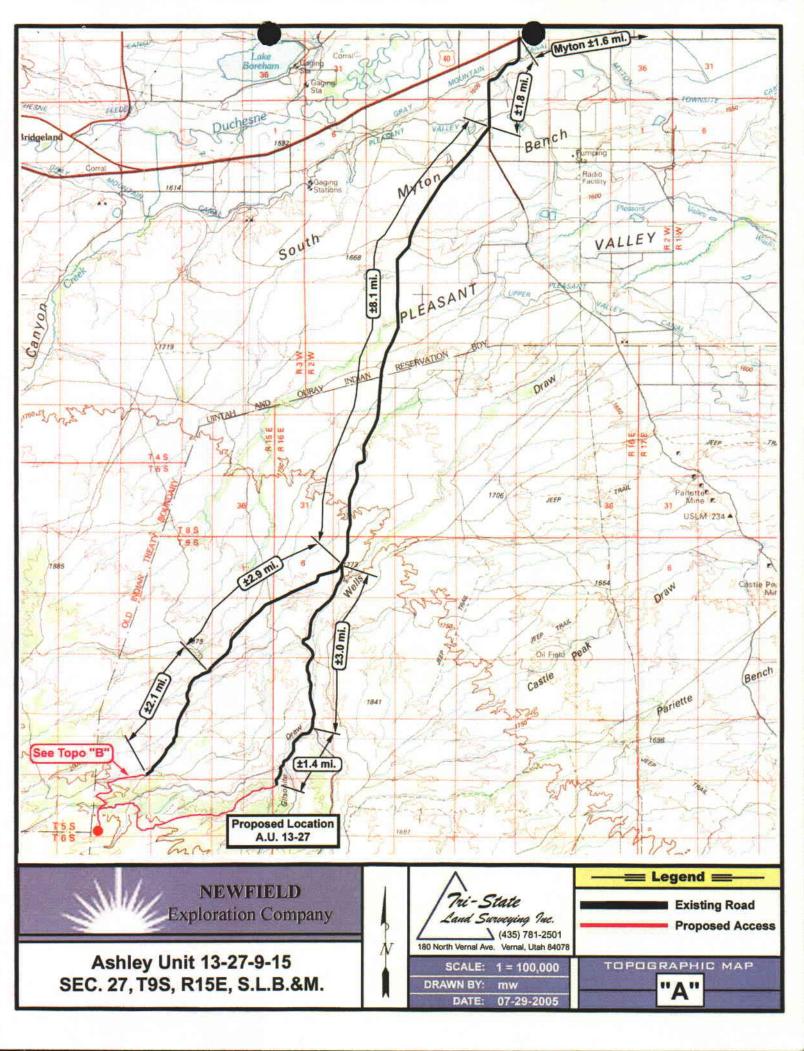
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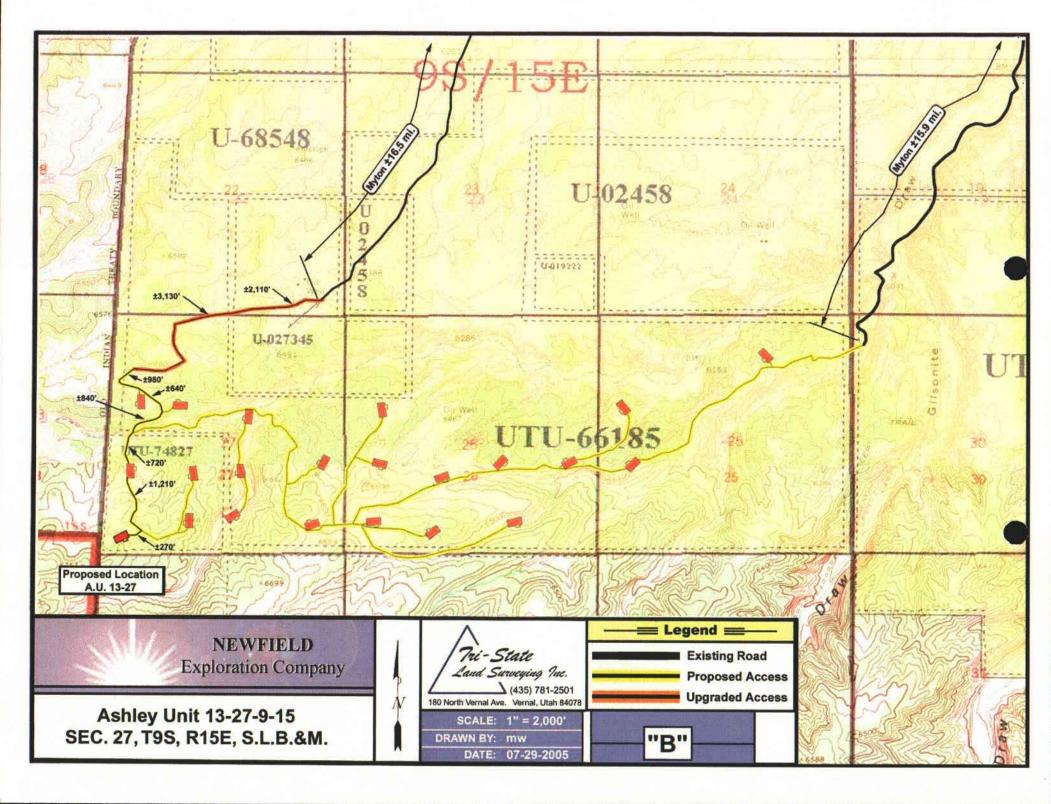
D.P.

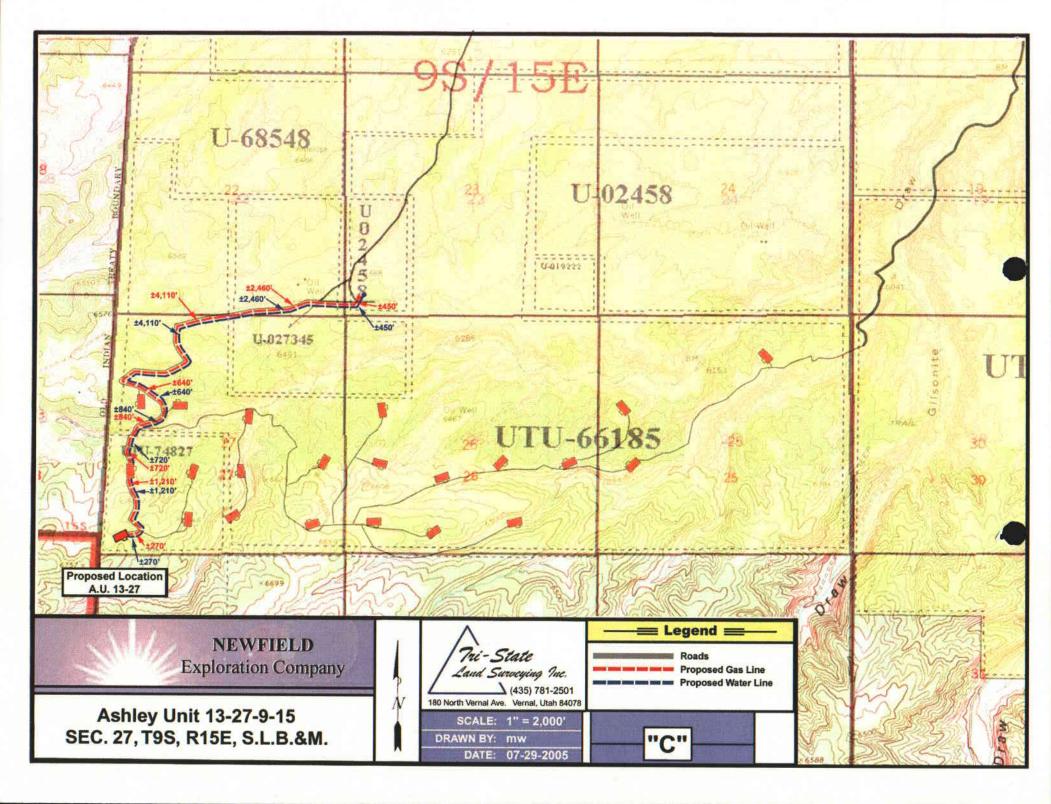
F, T, M.

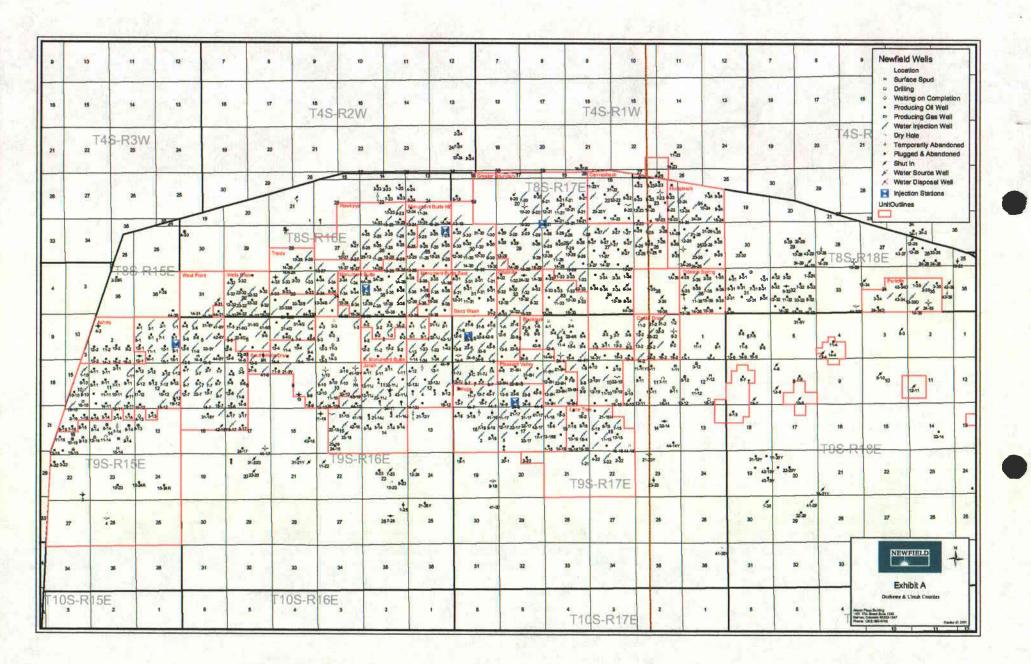


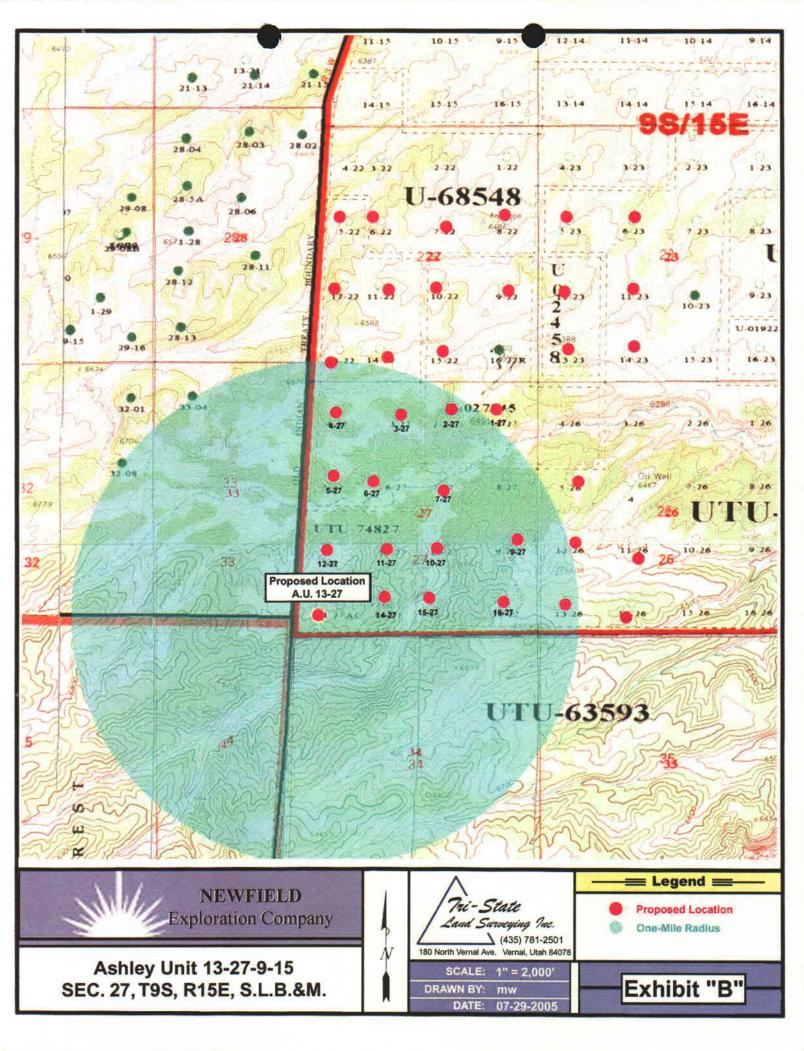
SURVEYED BY:	D.P.	SCALE:	1" = 50'	$/Tri_State$ (435) 781-2
DRAWN BY:	F. T.M.	DATE:	7–27–05	Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078











2-M SYSTEM

Blowout Prevention Equipment Systems

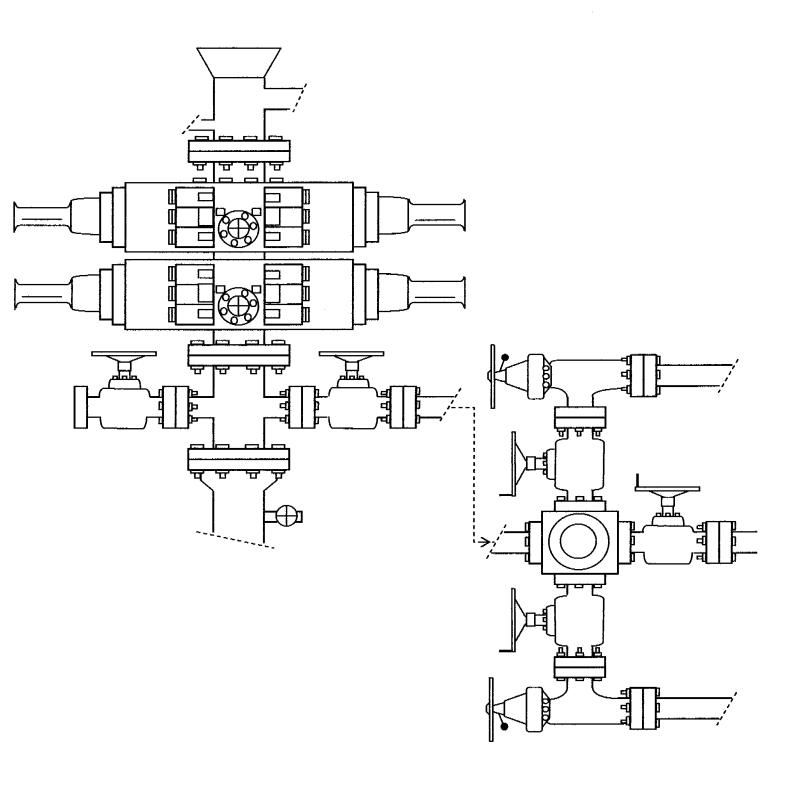


EXHIBIT C

Exhibit "D"

Page 1 of 4

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL IN TOWNSHIP 9 SOUTH, RANGE 15 EAST SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

₿y:

Kylie Lower-Eskelson and Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Route 3 Box 3630 Myton, Utah 84052

Prepared By:

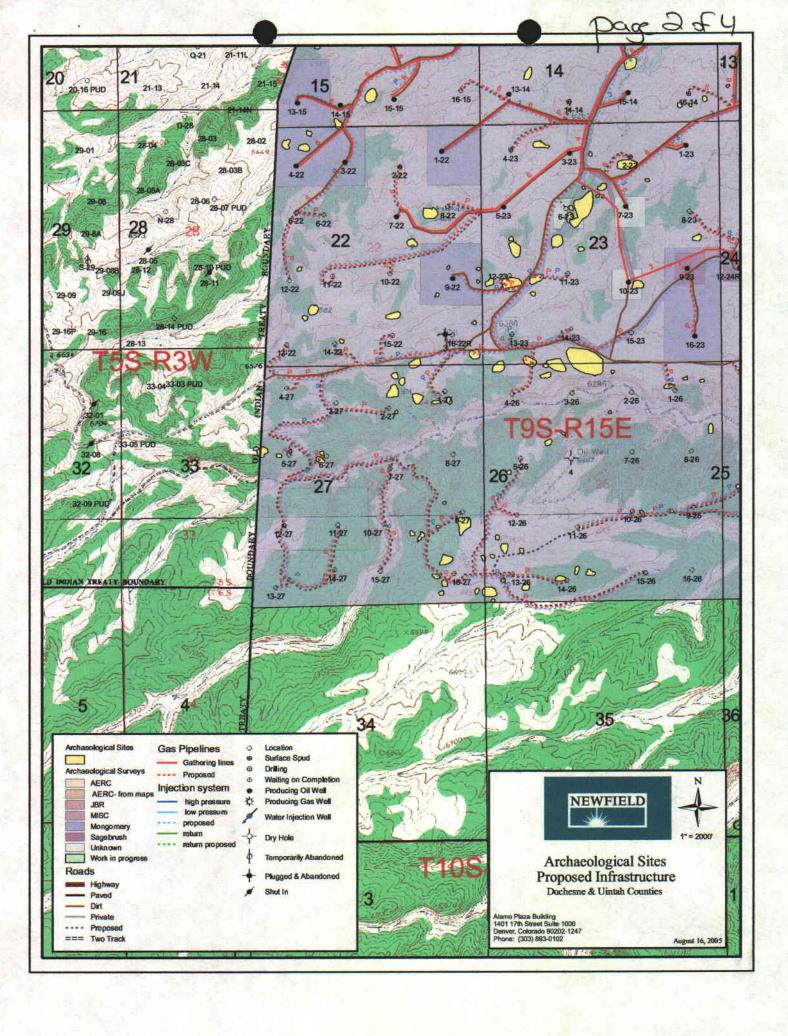
Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 04-205

June 28, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1417b



page 3 € 4

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE & UINTA COUNTIES, UTAH

Section 13, T 9 S, R 16 E [excluding NW 1/4]; Section 11, T 9 S, R 18 E [excluding NW/SW, 12-11]; Section 27, T 9 S, R 15 E [excluding NE/SW, 11-27]

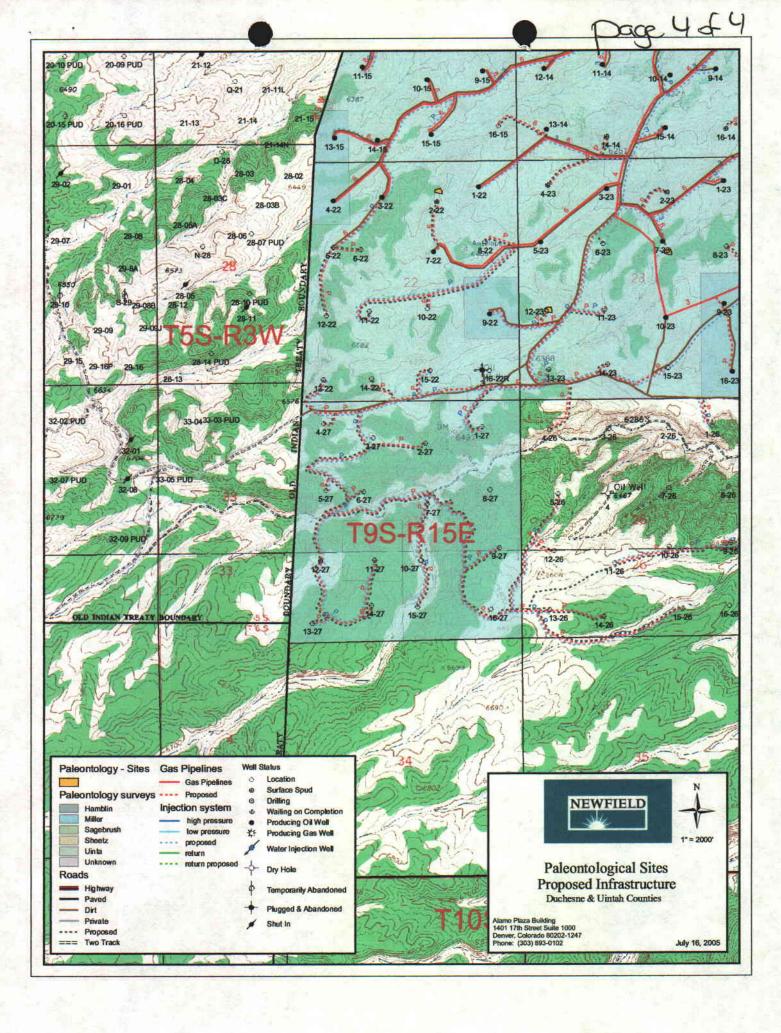
REPORT OF SURVEY

Prepared for:

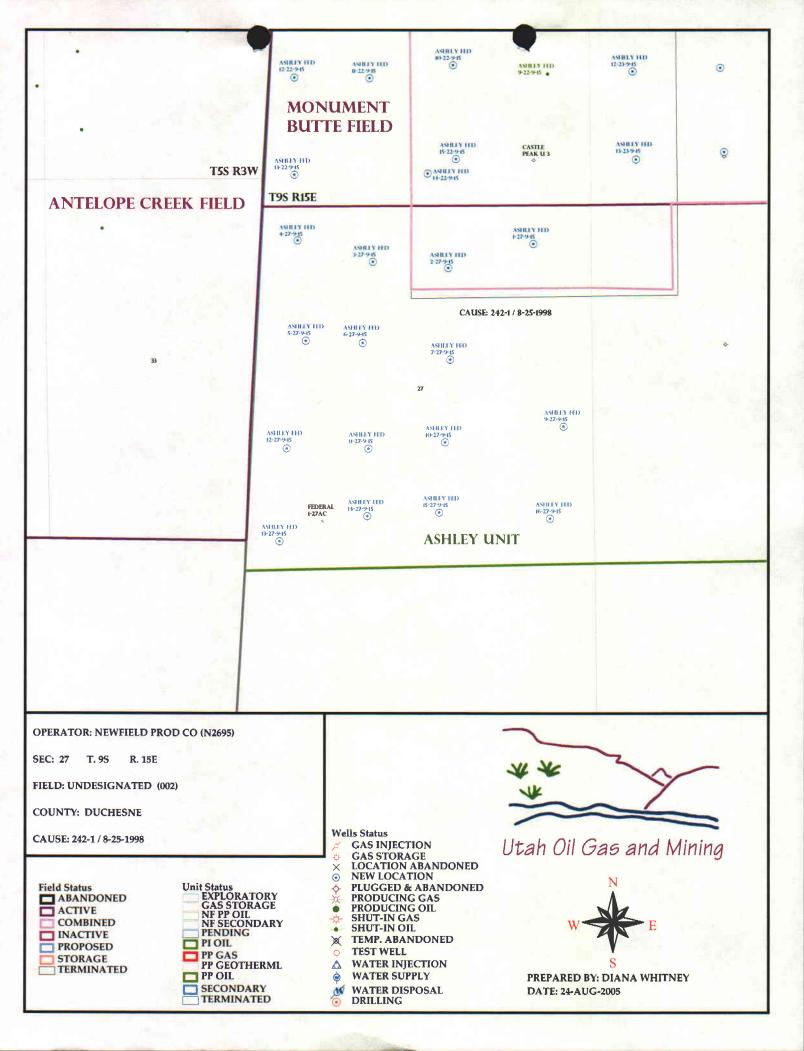
Inland Resources, Inc.

Prepared by:

Wade E. Miller Consulting Paleontologist April 7, 2004



APD RECEIVED: 08/19/2005	API NO. ASSIGNED: 43-013-32878
WELL NAME: ASHLEY FED 13-27-9-15 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDLE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION: SWSW 27 090S 150E SURFACE: 0438 FSL 0510 FWL BOTTOM: 0438 FSL 0510 FWL DUCHESNE UNDESIGNATED (2)	INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-74827 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO	Surface LATITUDE: 39.99569 LONGITUDE: -110.2246
RECEIVED AND/OR REVIEWED: ✓ Plat ✓ Bond: Fed[1] Ind[] Sta[] Fee[] (No. UT0056) N Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 ✓ Water Permit (No. MUNICIPAL) N RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N) NA Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit ASHLEY R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 2421 Eff Date: 8-25-1948 Siting: Suspends Senate Siting R649-3-11. Directional Drill
COMMENTS: Spacing Skp STIPULATIONS: 1- Ledena approximations	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 25, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Ashley Unit, Duchesne County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Green River)

```
43-013-32875 Ashley Federal 9-27-9-15 Sec 27 T09S R15E 2011 FSL 0463 FEL 43-013-32876 Ashley Federal 10-27-9-15 Sec 27 T09S R15E 1779 FSL 2202 FEL 43-013-32877 Ashley Federal 11-27-9-15 Sec 27 T09S R15E 1797 FSL 1817 FWL 43-013-32878 Ashley Federal 13-27-9-15 Sec 27 T09S R15E 0438 FSL 0510 FWL 43-013-32879 Ashley Federal 14-27-9-15 Sec 27 T09S R15E 0801 FSL 1799 FWL 43-013-32880 Ashley Federal 15-27-9-15 Sec 27 T09S R15E 0751 FSL 2288 FEL 43-013-32881 Ashley Federal 16-27-9-15 Sec 27 T09S R15E 0660 FSL 0660 FEL 43-013-32874 Ashley Federal 6-24-9-15 Sec 24 T09S R15E 1913 FNL 2076 FWL
```

Our records indicate the Ashley Federal 13-27-9-15 is closer than 460 feet from the Ashley Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard



Department of Natural Resources

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

August 25, 2005

Newfield Production Company Rt. 3, Box 3630 Myton, UT 84052

Re:

Ashley Federal 13-27-9-15 Well, 438' FSL, 510' FWL, SW SW,

Sec. 27, T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32878.

Sincerely.

Gil Hunt

Associate Director

pab Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company			
Well Name & Number	Ashley	Federal 13-27-9-15	·	
API Number:	43-013-32878			
Lease:	UTU-7	4827		
Location: SW SW	Sec. 27	T. 9 South	R. 15 East	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.



AUG 1 9 2005

BLM VERRAL, UTAH

Form 3160-3 (September 2001)			FORM APPROVE OMB No. 1004-01 Expires January 31, 2	36
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.			
BUREAU OF LAND MANAC	UTU-74827			
APPLICATION FOR PERMIT TO DE			6. If Indian, Allottee or Tribe	Name
APPLICATION FOR PERMIT TO DE	ALL OR REENIER		N/A	
la. Type of Work: DRILL REENTER)		7. If Unit or CA Agreement, N	Jame and No.
THE TYPE OF WORLD			Ashley	
lb. Type of Well: 🖾 Oil Well 🗖 Gas Well 🚨 Other	Single Zone Multip	nle Zone	Lease Name and Well No. Ashley Federal 13-27-9-1	15
2. Name of Operator	— Shigir Zone — Main	pic Zolic	9. API Well No.	3
Newfield Production Company			421/12/22	» TQ
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Explorate	<u> </u>
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte	,
4. Location of Well (Report location clearly and in accordance with	anv State requirements.*)		11. Sec., T., R., M., or Blk. and	Survey or Area
At surface SW/SW (Lot #4)1797 FSL_1817 FWL	·····, · - -, · ,			-
At proposed prod. zone 438' 510'			SW/SW Sec. 27, T9S I	R15E
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
Approximatley 18.4 miles southwest of Myton, Utah			Duchesne	UT
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of Acres in lease		g Unit dedicated to this well	
(Also to nearest drig. unit line, if any) Approx. 438' f/lse, 438' f/unit	148.16		pprox. 40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1467'	19. Proposed Depth 5975'		BIA Bond No. on file UT0056	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration	
6647' GL	1st Quarter 2006		Approximately seven (7) days from spud to	rig release.
	24. Attachments		1	
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be att	ached to this	form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 above).	ation	ns unless covered by an existing formation and/or plans as may be	·
25. Signature Courdie Nozien Title	Name (Printed/Typed) Name (Printed/Typed) Mandie Crozier Name (Printed/Typed) Name (Printed/Typed) Office	Mision 9 py	Date Books Date	/12/05
Regulatory Specialist Approved by (Signature)	Name (Printed/Typed)	sall p	Date	101
Hounge 12 (Veaving)	Office Cons	yru-	05/	108/200 ₀
Assistant Field Manager	FOR		,	•
Application approval character warrant or certify the the applicant holds le operations thereon.	gal or equitable title to those rights in	the subject l	ease which would entitle the appl	icant to conduct

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

MAY 1 7 2006



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078 (435) 781-4400



<u>CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL</u>

Company: Newfield Production Company Location: Lot 4, Sec. 27, T9S, R15E Well No: Ashley Federal 13-27-9-15 Lease No: UTU-74827 API No: 43-013-32878 Agreement: Ashley Unit

170 South 500 East

Petroleum Engineer: Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Office: 435-781-4432 Petroleum Engineer: Michael Lee Cell: 435-828-7875 Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 **Environmental Scientist:** Karl Wright Office: 435-781-4484 Natural Resource Specialist: Chris Carusona Office: 435-781-4441 Natural Resource Specialist: Office: 435-781-4404 Holly Villa Natural Resource Specialist: Office: 435-781-4476 Melissa Hawk Natural Resource Specialist: Office: 435-781-4437 Scott Ackerman Natural Resource Specialist: Nathaniel West Office: 435-781-4447 After hours contact number: (435) 781-4513 FAX: (435) 781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction			
(Notify Chris	Carusona)		

- Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Chris Carusona)

Prior to moving on the drilling rig.

Spud Notice (Notify Petroleum Engineer)

Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing (Notify Jamie Sparger SPT)

 Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests (Notify Jamie Sparger SPT)

Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Petroleum Engineer)

 Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

CONSTRUCTION AND OPERATION

Federal 13-27-9-15:

- Call if paleontological resources are found.
- Crucial Deer and Elk Winter Range No surface use December 1 though April 30.

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator will need to submit a proposal to control erosion to the BLM.

The reserve pit will be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).

Actions to insure oil floating on water does not pose a hazard to wildlife will be implemented. Fluid hydrocarbons within the reserve pit will be promptly removed and disposed of in accordance with State Law.

Page 3 of 9

Well: Ashley Federal 13-27-9-15 5/3/2006

Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

The access road will be crowned and ditched. Flat-bladed roads are NOT allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

All well facilities not regulated by OSHA will be painted Olive Black.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, will be controlled by the operator. The operator will submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

Interim Reclamation (see below):

- Where possible, strip six inches of topsoil from the location as shown on the cut sheet.
 After the well is completed, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
- Interim Reclamation Seed Mix for location:

•	Galleta grass	Hilaria jamesil	15 lbs/acre
•	Western wheatgrass	Pascopyrum smithii	6 lbs/acre
	 Per Live Seed Total 		21 lbs/acre

- Certified weed free seed and straw will be used for final and interim reclamation. The
 operator will submit a receipt with certification for the seed and any straw used on
 location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.

- Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground.
 Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (Olive Black). All facilities shall be painted within six (6) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix will be designated at the time the sundry is approved.

Page 5 of 9 Well: Ashley Federal 13-27-9-15 5/3/2006

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

The cut and fill slopes will be recontoured to original contours. The entire disturbed area will then be back-filled with topsoil, landscaped, seeded and <u>fenced to exclude livestock</u>. The fence will remain in place. It will be removed prior to approval of final abandonment.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
 Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
 until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
 written report requirement. Any additional construction, reconstruction, or alterations of
 facilities, including roads, gathering lines, batteries, etc., which will result in the
 disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
 Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
 Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report
 of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in
 which operations commence and continue each month until the well is physically
 plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals
 Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports will be

submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - · Operator name, address, and telephone number.
 - Well name and number.
 - Well location (½¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
 "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Page 9 of 9 Well: Ashley Federal 13-27-9-15 5/3/2006

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:	NEWFIELD PRODUCTION COMPANY			
Well Name:	ASHLEY FED 13-27-9-15			
Api No: 43-013-3	2878 Lo	ease Type:	FEDERAL	
Section 27 Township	09S Range 15H	E_County_	DUCHESNE	
Drilling Contractor	NDSI		RIG # NS#1	
SPUDDED:				
Date	6/01/06			
Time	9:00 AM			
How	DRY	_ _		
Drilling will Comme	nce:			···
Reported by	TROY ZUF	EIT		
Telephone #	(435) 823-6	013		
Date06/02/2006	Signed	CHD		

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INCAND

4356463031

06/07/2006 15:14

STATE OF UTAH
DIVISION OF DIL, GAS AND MINING
ENTITY ACTION FORM-FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT.3 BOX 3630 MYTON, UT 84062

OPERATOR ACCT, NO	N289 5
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Date

СПОН	CURRENT	MEA.	api number	WELL HAVE	20	s≎	WELL LI	RG	COVIENTLY	SPUD DATE	EFFECTIVE BATE
∞oe A	99999	15406	43-013-32836	ASHLEY FEDERAL 5-27-9-15	SWWW	27_	98	15E_	DUCHESME	05/31/06	6/8/06
		RRV								— <i>/</i>	
CODE	CLIMINERYT ERYTTY NO.	NEW ENTITY NO.	APINUMBER	WELL HAME	90	8C V	TIP	RG	COUNTY	SPUD DANE	EFFECTIVE DATE
A	99999	15407	43-013-32878	ASHLEY FEDERAL 13-27-9-15	SWEW	27	98	15E	DUCHESNE	06/02/06	6/8/06
	GR	RV								- K	<
ACTION CODE	CURRENT ENTITY NO.	HEW ENTITY NO.	API NUMBER	WELL NAME	QQ	85	WELLU	RE	COUNTY	SPUD DATE	EFFECTINE
Α	99999	15408	43-013-32879	ASHLEY FEDERAL 14-27-9-15	SESW	27	98	15E	DUCHESNE	06/05/06	6/8/06
	GR	iev								- K	, ,
ACTION DODE	CURRENT ENTITY NO.	NEW ENTITY NO.	AP. HYANBER	WEIL NAME	WELLOCATION Q2 SC TP RG COUNTY			SPUD DATE	EFFECTARE DATE		
A	99999	15409	43-013-32831	ASHLEY FEDERAL 15-23-9-15	SWSE	23	95	15E	DUCHESNE	06/06/06	6/8/09
	G	eru									K
HCWDA	CURRENT	RIENY	API HUMBER	WELL HAME				OCATION		SPUD	EFFECTIVE
CCODE	ENTITY NO.	ENTITY NO.			<u> </u>	SC_	TP	RG	COUNTY	OATE	DATE
ži 50	OMMENTS:			1			<u> </u>	I			<u> </u>
ACTION	CURRENT	NEW.	API NVALBER	WELLSPARE				OGATION		SPUD	EFFECTINE
CODE	SATTY NO.	ENTITY NO.			002	8C	TP.	RG	COUNTY	DATE	DATE
WELL SC	OMMENTS.										
A -	Establish, a car on Py Addison, well to end	lives on back of form) ritor new well tricke we siting ordily (group or un	il well)	RECEIV	ED		Why be			am	KIM KETT
C - Re-assign yealthmax was existing entity to a mean entity: D - Re-assign wealthmax, not exciting entity to a mean entity: E - Other (emphile in contemples each) to a mean entity:			2006 Production Clerk					k	June 7, 2908		

STATES

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

DEPARTMENT OF T	Expires January 31,2004			
BUREAU OF LAND N		_	Lease Serial	No.
SUNDRY NOTICES AND F Do not use this form for propos	UTU74827			
abandoned well. Use Form 3160			6. If Indian, All	ottee or Tribe Name.
STATE OF SUBSTRICT STREET, WAS BEEN SOME	e leggionidisson e	on the stage of	7. If Unit or CA	/Agreement, Name and/or No.
1. Type of Well			ASHLEY PA	
Oil Well Gas Well Other			8. Well Name a	nd No.
Name of Operator NEWFIELD PRODUCTION COMPANY				DERAL 13-27-9-15
3a. Address Route 3 Box 3630	3b. Phone No. (inc	lude are code)	9. API Well No 4301332878	
Myton, UT 84052	435.646.3721	-	10. Field and Po	ool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey De 438' FSLI 510' FWL LOT #4	scription)		Monument Bu	
SW/SW Section 27 T9S R15E			Duchesne,UT	•
12 CHECK APPROPRIATE D	OV(EC) TO DIDICA	TE MATTINE OF M	-	
12. CHECK APPROPRIATE B	OX(ES) TO INIDICA	· · · · · · · · · · · · · · · · · · ·		THER DATA
TYPE OF SUBMISSION		TYPE OF ACTION		
Notice of Intent	Deepen	<u></u>	n(Start/Resume)	☐ Water Shut-Off
Alter Casing Subsequent Report Casing Repair	Fracture Treat New Construc	_		Well Integrity Other
Change Plans	Plug & Aband	= :	rily Abandon	Spud Notice
Final Abandonment Notice Convert to Injector	Plug Back	Water Di	sposal	
On 06-02-06 MIRU NDSI spud rig #1. Drill 320' KB. On 06-06-06 Cement with 160 sks of Class Returned 0 bbls cement to pit. On 06-07-06 Top with 1 bbl return to pit.	"G" w/ 2% CaCL+ 1/4	# Cello Flake. Mixed	@ 15.8 ppg>	1.17 cf/sk yeild.
I hereby certify that the foregoing is true and correct	Title			
Name (Printed/ Typed) Ray Herrera	Drilling F	oreman		
Signature	Date 06/17/20	006		
	iig reinenbaud is verd		ANDERS A	
0 1		12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		remando o colero, por especial de la 1986
Approved by Conditions of approval, if any, are attached. Approval of this notice de	nes not warrant or	Title	D	ate
certify that the applicant holds legal or equitable title to those rights in which would entitle the applicant to conduct operations thereon.		Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED
JUN 2 3 2006

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

			<u>8 5/8</u>	CASING SET	AT	322.85			
LAST CASING 8 5/8" set @ 322.85			OPERATOR	\	Newfield I	Production (Company		
DATUM 12' KB							deral 13-27-		
DATUM TO	CUT OFF C	ASING		· · · · · · · · · · · · · · · · · · ·	FIELD/PRO	,			
DATUM TO BRADENHEAD FLANGE				CONTRACT	OR & RIG#		NDSI NS#	1	
TD DRILLER 320' LOGGER									
HOLE SIZE	12 1/4	l							
LOG OF CA	SING STRIN	IG:							
PIECES	OD	ITEM -	MAKE - DESCI	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Shoe	Joint 44.70'						
ļ		WHI - 92 cs	g head		!		8rd	Α	0.95
7	8 5/8"	Maverick ST			24#	J-55	8rd	Α	311
			GUIDE	shoe			8rd	A	0.9
CASING INV	ENTORY B	AL.	FEET	JTS	JTS TOTAL LENGTH OF STRI				312.85
TOTAL LENGTH OF STRING 312.85 7			LESS CUT OFF PIECE				2		
LESS NON CSG. ITEMS 1.85				PLUS DATUM TO T/CUT OFF CSG				12	
PLUS FULL	JTS. LEFT (DUT	0		CASING SET DEPTH 322.85				322.85
TOTAL 311 7			7	η					
TOTAL CSG	. DEL. (W/O	THRDS)	311	7	COMPAR	RE			
TIMING			1ST STAGE						
BEGIN RUN	CSG.	Spud	6/2/2006	9:00 AM	GOOD CIRC	THRU JOB		yes	
CSG. IN HOI	.E		6/3/2006	9:00 AM	Bbls CMT CI	RC TO SUR	FACE	0	
BEGIN CIRC			6/6/2006		RECIPROCA	ATED PIPE F	FOR	_N/A	
BEGIN PUM			6/6/2006	1:51 PM			_		
BEGIN DSPL	CMT		6/6/2006	1:59 PM	BUMPED PL	UG TO		283	P\$I
PLUG DOW		1	6/6/2006	2:07 PM					
CEMENT US				CEMENT COM	IPANY-	B. J.			
	# SX			CEMENT TYP					
1	160	Class "G" w	/ 2% CaCL2 +	1/4#/sk Cello-F	lake mixed @) 15.8 ppg 1	.17 cf/sk yiel	d	
OFNER		L	\			01101411111	/E 0 0010"	10	
CENTRALIZE				•		SHOW MAK	E & SPACIN	NG	
Centralizers	- iviidale fii	st, top seco	nd & third for	3					

COMPANY REPRESENTATIVE Ray Herrera

DATE <u>June 7,2006</u>

DEPARTMENT OF THE INTERIOR

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	nary 31 200

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an					To. - 74827 tee or Tribe Name.	
1. Type of Well Oil Well Gas Well Other 2. Name of Operator NEWELL D PRODUCTION COMPANY					7. If Unit or CA/Agreement, Name and/or ASHLEY PA A 8. Well Name and No. ASHLEY 13-27-9-15	
3a. Address Route 3 Box 3630 Myton, UT 84052	Sec., T., R., M., or Survey Des	code)	9. API Well No. 4301332878 10. Field and Pool, or Exploratory Area MONUMENT BUTTE 11. County or Parish, State			
SWSW Section 27 T98 R15E	APPROPRIATE BOX	(ES) TO INIDICATE NA	TURE OF NO	DUCHESNE, U	JT	
TYPE OF SUBMISSION		TYPE	OF ACTION			
Notice of Intent Subsequent Report Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclamation Recomplet	te Iy Abandon	Water Shut-Off Well Integrity Other	
Bond under which the work will be p of the involved operations. If the op	r recomplete horizontally, give sul performed or provide the Bond No eration results in a multiple comp	details, including estimated starting distributions and measured and to on file with BLM/BIA. Required solution or recompletion in a new intervincluding reclamation, have been com	rue vertical depths a absequent reports sh al, a Form 3160-4 s.	of all pertinent marke hall be filed within 30 hall be filed once test	ers and zones. Attach the days following completion ting has been completed.	

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title	Title				
Mandie Crozier	Regulatory Specialist					
Signature Wardie Crosser	Date 07/24/2006	errer a maker				
Omis space	E FOR FEDERAL OR STATE OFFI	CE USE				
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this notice do certify that the applicant holds legal or equitable title to those rights in twhich would entitle the applicant to conduct operations thereon.		•				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious and fraudulent statements or representations a		to any department or agency of the United				

(Instructions on reverse)

JUL 2 6 2006

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31,200

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					tcc or Tribe Name.	_
SUBMIT IN T	7. If Unit or CA/A	Agreement, Name and/or	_			
1. Type of Well Oil Well Gas Well 2. Name of Operator	8. Well Name and	l No.	_			
Name of Operator NEWFIELD PRODUCTION CO	9. API Well No.	-3-13	-			
3a. Address Route 3 Box 3630 3b. Phone (include are code)						
Myton, UT 84052		435.646.3721		10. Field and Pool	l, or Exploratory Area	_
4. Location of Well (Footage, 438 FSLI 510 FWL LOT #4	MONUMENT E		_			
SWSW Section 27 T9S R15E				DUCHESNE, U	JT	
12. CHECK	X APPROPRIATE BOX(E	S) TO INIDICATE	NATURE OF N	OTICE, OR OT	HER DATA	
TYPE OF SUBMISSION		T	YPE OF ACTION			
☑ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclamati	te ily Abandon	■ Water Shut-Off ■ Well Integrity ■ Other Variance	_
tanks to be equipped with formation, which are relate separator to maximize gate. Newfield is requesting a value of gas when the terms.	npany is requesting a variate the Enardo or equivalent vent tively low gas producers (2) is separation and sales. Variance for safety reasons thief hatches are open. Wh rd, under optimum conditio	t line valves. Newfie 0 mcfpd). The major . Crude oil productio ile gauging tanks, le	ld operates wells ity of the wells an on tanks equipped	that produce from the equipped with the larger with the larger with back pres	om the Green River n a three phase ssure devices will emit	4
	U Oil,	ccepted by the tan Division of Gas and Min	} {	Federal Approva Action is Nec		
hereby certify that the foregoing is correct (Printed/Typed) Mandie Crozier Signature	true and By:	Regulatory Date	Specialist			_
11 Lamil	CIHIS SPACE FO	07/24/2006 R FEDERAL OR	STATE OFFICE	USE		
Approved by Conditions of approval, if any, are attache ettify that the applicant holds legal or eq thich would entitle the applicant to cond	ed. Approval of this notice does not w uitable title to those rights in the subje	Tit		Date	9.	_
						-

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

DEPARTMENT OF THE INTERIOR

FORM A	PPROVED
OMB No.	1004-0135
Evnirae Ian	21 200

 OMB No.	1004-0135
Expires Janu	ary 31,200

-	BUREAU OF LAND MANA			Ex	pires January 31,2004			
	5. Lease Serial N	5. Lease Serial No.						
SUNDR) Do not use t abandoned w	6. If Indian, Allot	tee or Tribe Name.						
SUBSEED 1. Type of Well	orbine vez, ollogine	erellinkeni ee si	ante P	7. If Unit or CA/A	Agreement, Name and/or			
	Other			8. Well Name and	i No.			
2. Name of Operator NEWFIELD PRODUCTION CO	MDANV			ASHLEY 13-27-	-9-15			
3a. Address Route 3 Box 3630	JMI ANT	3b. Phone (include	le are code)	9. API Well No. 4301332878				
Myton, UT 84052		435.646.3721		· ·	l, or Exploratory Area			
	Sec., T., R., M., or Survey Descrip	ion)		MONUMENT E				
438 FSLI 510 FWL LOT #4				11. County or Par	rish, State			
SWSW Section 27 T9S R15E				DUCHESNE, U	JT			
12. CHECK	APPROPRIATE BOX(ES) TO INIDICATE	NATURE OF N	OTICE, OR OT	THER DATA			
TYPE OF SUBMISSION		,	TYPE OF ACTION					
□ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclama		☐ Water Shut-Off ☐ Well Integrity			
Subsequent Report	Casing Repair Change Plans	☑ New Constructio☑ Plug & Abandon		ete rily Abandon	Weekly Status Report			
Final Abandonment	Convert to	Plug Back	☐ Water Di		Workly Status Report			
3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandorment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) Status report for time period 07/06/06 - 07/21/06 Subject well had completion procedures intiated in the Green River formation on 07-06-06 without the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5675'-5685'); Stage #2 (5458'-5469'),(5371'-5385');Stage #3(5182'-5190'); Stage #4 (4870'-4882'); Stage #5 (4746'-4756'); Stage #6 (4638'-4646'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 07-18-2006. Bridge plugs were drilled out and well was cleaned to 5844'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 07-21-2006.								
I hereby certify that the foregoing is correct (Printed/ Typed) Lana Nebeler	true and	Title Production	Clerk	<u>, </u>				
Signature		Date						
TAMAY.	WERN	09/11/2000)					
	Led Capping at ACCARO	SCHOOL BUILDING CO.	NEW PARK	(新)(A)(A)				

Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any RECEIVE BUnited States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

FORM 3160-4 (July 1992)

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions ons OMB NO. 1004-0137

Expires: February 28, 1995

	011		reverse side)	_ · · · · · · · · · · · · · · · · · · ·
	DEPARTME	NT OF THE INTERIO		5. LEASE DESIGNATION AND SERIAL NO.
	BUREAU O	F LAND MANAGEMENT	Γ	UTU-74827
WELL COMPI	ETION OR F	RECOMPLETION RE	PORT AND LOG*	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
1a. TYPE OF WORK				7. UNIT AGREEMENT NAME
	OIL X	GAS WELL DRY	Other	Ashley
1b. TYPE OF WELL	_			
<u></u>				8. FARM OR LEASE NAME, WELL NO.
NEW WORK OVER	DEEPEN	PLUG DIFF BACK RESVR.	Other	Ashley Federal 13-27-9-15
2. NAME OF OPERATOR				9. WELL NO.
	Newfield	Exploration Company		43-013-32878
3. ADDOCCO AND THE EDUCATE NO.	 			TO FIFT D AND BOOK OF BUILDING

UNITED STATES

NEW WELL X		WORK OVER	DEEPEN		PLUG BACK		DIFF RESVR.	Other			Ashley Fed	eral 13-27-9-15
2. NAME OF OPERA	TOR	***************************************		<u> </u>							9. WELL NO.	
			Ne	wfield I	Explorat	ion Co	ompany				43-01	3-32878
3. ADDRESS AND TE	ELEPHO										10. FIELD AND POOL OR	WILDCAT
			1401 17th	St. Su	ite 1000) Den	ver, CO	80202			Monum	nent Butte
4. LOCATION OF At Surface	WELL	(Report lo						s.*) 7, T9S, R15E			11. SEC., T., R., M., OR BI OR AREA	OCK AND SURVEY
At top prod. Interva	al repor	ted below									Sec. 27,	T9S, R15E
At total depth					14. API NO.			DATE ISSUED	·		12. COUNTY OR PARISH	13. STATE
						-013-3	2878		8/25/05		Duchesne	UT
15. DATE SPUDDED 6/2/06	16	. DATE T.D. 6 /	REACHED 16/06	17. DA	TE COMPL. (Ready to p 21/06	erod.)	18. ELEVATIONS (DF. RKB. RT. GR. ETC.)* 6647' GL			6659' KB	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, N	MD & TV	/D	21. PLUG BAC	K T.D., MD	& TVD	22.	IF MULTIPLE	COMPL	23. INTERVALS	ROT	ARY TOOLS	CABLE TOOLS
5900	0'			5844'			HOW MANY	•	DRILLED BY		Χ	
24. PRODUCING INT	ERVAL	(S). OF THIS	COMPLETION-	TOP. BOTT	,		·			•		25. WAS DIRECTIONAL SURVEY MADE
					Green I	River	4638'-	5685'				No
26. TYPE ELECTRIC Dual Induction				ensated	Density	y, Con	npensate	ed Neutron,	GR, Caliper,	Cem	ent Bond Log	27. WAS WELL CORED NO
23.					CASI	NG REC	ORD (Repoi	t all strings set in	well)			
CASING S			WEIGHT.			TH SET (M	1D)	HOLE SIZE			MENTING RECORD	AMOUNT PULLED
8-5/8" - J-55 24# 323'								12-1/4") sx Class "G" cmt	
5-1/2"	' - J-5	55	15.	5#		5886'		7-7/8"	325 sx Premli	te II an	d 450 sx 50/50 Poz	<u> </u>
29.			LIN	ER RECO	RD.				30.		TUBING RECORD	I
SIZE		TOP	(MD)		M (MD)	SACK	S CEMENT*	SCREEN (MD)	SIZE		DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"		EOT @	TA @				

			2-110	2016	17.66
				5769'	5638'
RFORATION RECORD (Interval, size and number)			32. ACID, SHO	r, fracture, cement squi	EEZE, ETC.
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND O	F MATERIAL USED
(CP5) 5675'-5685'	.46"	4/40	5675'-5685'	Frac w/ 20,367# 20/40	sand in 314 bbls flui
(CP1&2) 5371'-5385', 5458'-5469'	.43"	4/100	5371'-5469	Frac w/ 74,798# 20/40	sand in 586 bbls flui
(LODC) 5182'-5190'	.43"	4/32	5182'-5190'	Frac w/ 24,811# 20/40	sand in 323 bbls flui
(A1) 4870'-4882'	.43"	4/48	4870'-4882'	Frac w/ 39,886# 20/40	sand in 374 bbls flui
(B2) 4746'-4756'	.43"	4/40	4746'-4756'	Frac w/ 70,498# 20/40	sand in 537 bbls flui
(C) 4638'-4646'	.43"	4/32	4638'-4646'	Frac w/ 42,138# 20/40	sand in 386 bbls flui
					· · · · · · · · · · · · · · · · · · ·
					· · · · · · · · · · · · · · · · · · ·
		PRODUCT	ION		

33.*			PRO	DUCTION			
DATE FIRST PRODUCTION 7/21/06	PRODUCTION	v METHOD (Flowing. g 2-1/2" ১		and type of pump) 4' RHAC SM Plu	unger Pump		WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N, FOR TEST PERIOD	OILBBLS.	GASMCF.	WATERBBL.	GAS-OIL RATIO
30 day ave			>	43	238	165	5535
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBE	GASMCF.			OII. GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold,	used for fuel, vented, etc.)	Cald Silas	ا المال		ΔΙΙΔ	3 3 0 2006 TIMES	SSED BY

Sold & Used for Fuel

35. LIST OF ATTACHMENTS

domation is complete and correct as determined from all available records

Mar die Crozier

Regulatory Specialist $\Pi\Pi\Pi$

8/29/2006 DATE

M

FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC.		TO	
				NAME	MEAS. DEPTH	TRUE VERT. DEPTI
			Well Name Ashley Federal 13-27-9-15	Garden Gulch Mkr Garden Gulch 1	3480' 3696'	
				Garden Gulch 2	3807'	
				Point 3 Mkr	4032'	
				X Mkr	4310'	
				Y-Mkr Douglas Creek Mkr	4346' 4452'	
				BiCarbonate Mkr	4432 4677'	
	ļ			B Limestone Mkr	4768'	
				Castle Peak	5338'	
				Basal Carbonate	5800'	
				Total Depth (LOGGERS	5903'	
						1
		1				
]

	NOF OIL, GAS	AND MINING FORM -FO	RM 6
CODE	CURRENT ENTRY NO.	NEW ENTITY NO.	
	4.5000	4244	

OPERATOR:	NEWFIELD PRODUCTION COMPAN
ADDRESS:	RT. 3 BOX 3638
	SACTOM IST BASES

OPERATOR ACCT. NO. N2895

										GF40	EFFECTME
CTION	CURRENT	NEW	APINIMBER APINIMBER	VIELL NAME	00	SC	TP	PO	COUNTY	DATE	DATE
CODE C	14839	12419	43-013-32626	ASHLEY FEDERAL 12-27-9-15	NAMISW	27	98	15E	DUCHESNE		11/20/06
	MINENTS:										,
		APPROVEI	PARTICIPATING	AREA EXPANSION EFFECTIVE	E 7/1/2		GRR				
ACTION	CURRENT	10EW	API NUMBER	MEIT NAME	90	SC V	TP TP	N R0	COUNTY	BATE	EFFECTIVE DATE
CODE	ENTERY NO.	EMILITY INC.			1 -						11//-
С	15408	12419	43- 0 13-32 E 79	ASHLEY FEDERAL 14-27-9-15	SEISW	27	99	15E	DUCHESNE		11/20/06
	BLM	APPROVE	D PARTICIPATING	AREA EXPANSION EFFECTIVE	E 7/1/	2006.					
ACTION	CUBRENT	GLEDV.	AF, RUMBER	WELL NAME	QQ	sc	VÆULU TP	NCIKASO 88	COUNTY	SPUD DAITE	EFFECTIVE
CODE	EMITTY NO.	ENTITY NO.			1 40		 " -	1			11/2 1 .
C	15407	12419	43-013-32878	ASHLEY FEDERAL 13-27-9-15	SWISW	27	98	15E	DUCHESNE		1 120/06
	BLM	APPROVE	D PARTICIPATING	AREA EXPANSION EFFECTIV	E 7/1/	2006.					
ACTION	CURRENT	NEW	API NUMBER	WELL NAME	90	8C	WELLE	OCATION	COUNTY	SPLD DAVE	effective Octe
CODE	EMITTING	ENTITY NO.			-		1-"-	 ""	1		
						1	1	1			
ACTION		WE'A'	AN NUMBER	WELL MAINE	90	sc	WELLE	RE	COUNTY	SPUD Dane	EFFECTIVE DATE
CODE	EMITTY NO.	ENTRY RO.			- - %-		1 -	† <u> </u>	Cooper		
]						[
MED 5	COMMENTS:										
ACTION		NEW	APINUMBER	MELLIAMS	DQ.	ac ac	WELL	RG	COUNTY	67UO DATE	EFFECTIVE DATE
CODE	ENTERY MO.	ENTITY NO.				1	1 -	† - '''			
<u></u>	COMMENTS:					<u> </u>		<u> </u>			
AMELL:	OUNIEU I 6.								_0	0-0-	
A	Establish nov est Add normal to e	ctions on just of form ty for represent (single drilling withy (process or	well only) acit well)	RECI	EIVE)			Lana	Lebeles	Lana Nebelce
D		ca one employ emply p	n ensther existing early A to now entity	NOV 1	6 2006	j			Production Clea	k	NOVEMBER 13,2006
-											



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3180 UT-922

NOV 0 6 2006

Newfield Exploration Company Attn: Laurie Deseau 1401 Seventeenth Street, Suite 1000 Denver, CO 80202

> Re: Initial Consolidated Green River Formation PA "A, B" Ashley Unit Duchesne County, Utah

The Initial consolidated Green River Formation "A, B" Ashley Unit, CRS UTU73520C, is hereby approved effective as of July 1, 2006, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The Initial Consolidated Green River Formation PA "A, B" results in the Initial Participating Area of 6,710.49 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

WELL NO.	APINO.	LOCATION	LEASE NO.
13-22	43-013-32822	Lot 4, 22-9S-15E	UTU66185
14-22	43-013-32823	SESW, 22-9S-15E	UTU66185
15-23	43-013-32831	SWSE, 23-9S-15E	UTU66185
11-23	43-013-32829	NESW, 23-9S-15E	UTU66185
6-23	43-013-32827	SENW, 23-9S-15E	UTU66185
14-23	43-013-32817	SESW, 23-9S-15E	UTU66185
13-24	43-013-32820	SWSW, 24-9S-15E	UTU02458
14-24	43-013-32821	SESW, 24-9S-15E	UTU02458
9-24	43-013-32819	NESE, 24-9S-15E	UTU02458
8-24	43-013-32818	SENE, 24-9S-15E	UTU02458
4-25	43-013-32884	NWNW, 25-9S-15E	UTU66185
4-26	43-013-32900	NWNW, 26-9S-15E	UTU027345
5-26	43-013-32901	SWNW, 26, 9S-15E	UTU66185
12-26	43-013-32905	NWSW, 26, 9S-15E	UTU66185
5-27	43-013-32836	Lot 2, 27, 9S-15E	UTU66185
13-27	43-013-32878	Lot 4, 27, 9S-15E	UTU74827
11-27	43-013-32877	NESW, 27, 9S-15E	UTU74837-CFIVED

NOV 0 8 2006

WELL NO.	API NO.	LOCATION	** LEASE NO:
14-27	43-013-32879	SESW, 27, 9S-15E	UTU74827
7-27	43-013-32838	SWNE, 27, 9S-15E	UTU66185
10-27	43-013-32876	NWSE, 27, 9S-15E	UTU66185
15-27	43-013-32880	SWSE, 27, 9S-15E	UTU66185
9-27	43-013-32875	NESE, 27, 9S-15E	UTU66185
3-27	43-013-32835	NENW, 27, 9S-15E	UTU66185
2-27	43-013-32834	NWNE, 27, 92-15E	UTU027345

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Consolidated Green River PA "A, B", Ashley Unit.

Sincerely,

/s/ Douglas F. Cook

Douglas F. Cook Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas & Mining

SITLA

Ashley Unit w/enclosure

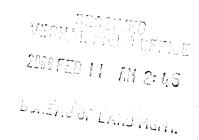
MMS - Data Management Division (Attn: James Sykes)

Field Manager - Vernal w/enclosure

Agr. Sec. Chron. Central Files

CSeare:cs (11/03/06)Ashley "A, B"Consolidated





February 6, 2008

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Ashley Federal #13-27-9-15

Monument Butte Field, Ashley PA AB, Lease #UTU-74827

Section 27-Township 9S-Range 15E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #13-27-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley PA AB.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely.

Eric Sundberg Regulatory Analyst

> RECEIVED FEB 19 2008

DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE 2008 FEB II AM 2: 45 DEFT OF THE MELSINGE BUREAU OF LAND MOMT.

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

ASHLEY FEDERAL #13-27-9-15

MONUMENT BUTTE FIELD (GREEN RIVER)

ASHLEY PA AB

LEASE #UTU-74827

February 6, 2008

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LETTER OF INTENT

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UIC FORM 1 – APPLICATION FOR INJECTION WELL

WELLBORE DIAGRAM OF PROPOSED INJECTION

WORK PROCEDURE FOR INJECTION CONVERSION

COMPLETED RULE R615-5-1 QUESTIONNAIRE

COMPLETED RULE R615-5-2 OUESTIONNAIRE

ATTACHMENT A ONE-HALF MILE RADIUS MAP

ATTACHMENT A-1 WELL LOCATION PLAT

ATTACHMENT B LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS

ATTACHMENT C
ATTACHMENT E

ATTACHMENT E-1
ATTACHMENT E-2
ATTACHMENT E-3
ATTACHMENT E-3
ATTACHMENT E-3
ATTACHMENT E-4

CERTIFICATION FOR SURFACE OWNER NOTIFICATION
WELLBORE DIAGRAM – ASHLEY FEDERAL #13-27-9-15
WELLBORE DIAGRAM – ASHLEY FEDERAL #11-27-9-15
WELLBORE DIAGRAM – ASHLEY FEDERAL #10-27-9-15
WELLBORE DIAGRAM – ASHLEY FEDERAL #14-27-9-15

ATTACHMENT E-5 WELLBORE DIAGRAM – ASHLEY FEDERAL #15-27-9-15 ATTACHMENT F WATER ANALYSIS

ATTACHMENT G FRACTURE GRADIENT CALCULATIONS

ATTACHMENT G-1 FRACTURE REPORTS DATED 7/7/06- 7/20/06

ATTACHMENT H

WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Comments:

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Product ADDRESS 1401 17th Street,			
ADDINEGO	Denver, Colora		
			
Well Name and	d number:	Ashley Federal 13-27-9-15	
Field or Unit name:		Monument Butte (Green River), Ashley PA AB	Lease No. UTL
I			

Field or Unit name:		Monument	Butte (Green	River), Ashle	y PA AB		Lease No.	UTU-7482	27
Well Location: QQ	SW/SW	. section	27	_ township	<u>9</u> S	_range	15E	county	Duchesne
Is this application for	expansion of	an existing	project?			Yes [X]	No []	1.77 - 24 - 1.77 - 24	
Will the proposed we	ell be used for:		Disposal?	Recovery?		Yes[]	No [X]		
Is this application for						Yes[]	No [X]		
If this application is for has a casing test border of test: API number: 43-0	een performed		ell? –			Yes[]	No [X]		
Proposed maximum Proposed injection zamile of the well.	one contains [x] oil, [] g	as, and/or				F 2 should	l	
	IMPORT	AN1:		l information ny this form.	as required	1 by R615	-5-2 Snould		
List of Attachments:		Attachme	nts "A" throu	ugh "H-1"					
Title Reg	ort is true and of Sundberg ulatory Analys) 893-0102		the best of	f my knowled _ Signature _ Date _					
(State use only) Application approved Approval Date	d by					_Title			

Ashley Federal 13-27-9-15

Spud Date: 06/02/06 Initial Production: BOPD. Put on Production: 07/21/06 Proposed Injection MCFD, BWPD Wellbore Diagram K.B.: 6659, G.L.: 6647 SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 07/12/06 5675-5685 Frac CP5, sands as follows: 20367# 20/40 sand in 314 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2791 psi WEIGHT: 24# w/avg rate of 25.1 BPM. ISIP 2690 psi. Calc flush: 5683 gal. Actual flush: 5166 gal. LENGTH: 7 jts. (311') Frac CP1, CP2 sands as follows: 74708# 20/40 sand in 586 bbls Lightning 17 DEPTH LANDED: 322,85' KB 07/12/06 5371-54693 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2669 psi w/avg rate of 25.3 BPM. ISIP 2130 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 0 bbls cmt to surf. flush: 5467 gal. Actual flush: 4914 gal. Frac LODC sands as follows: 07/12/06 5182-5190° 24811# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 3056 psi w/avg rate of 25.1 BPM. ISIP 2610 psi. Caic flush: 5188 gal. Actual flush: 4662 gal. 07/12/06 4746-4882' Frac A1, B2 sands as follows: 39886# 20/40 sand in 374 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2010 psi w/avg rate of 25.1 BPM, ISIP 2350 psi, Calc CSG SIZE: 5-1/2" flush: 4880 gal. Actual flush: 4410 gal. GRADE: J-55 Frac C sands as follows: 42138# 20/40 sand in 386 bbls Lightning 17 07/19/06 4638-46463 WEIGHT: 15.5# frac fluid. Treated @ avg press of 2075 psi LENGTH: 141 jts. (5873.17') w/avg rate of 25.1 BPM. ISIP 2255 psi. Calc DEPTH LANDED: 5886.42' KB flush: 4644 gal. Actual flush: 4536 gal. HOLE SIZE: 7-7/8" 10/02/06 Pump Change: Update rod and tubing details. CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 11-20-06 Tubing leak: Updated rod and tubing detail. CEMENT TOP: 100' Tubing Leak: Updated rod and tubing detail. 1-18-07 7/16/07 Tubing Leak. Updated rod & tubing detail. TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 176 jts (5577.87') TUBING ANCHOR: 5589.87' KB (2.80) Packer @ 4603 NO. OF JOINTS: 2 jts (63.38') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5656.05' KB 4638-4646' NO. OF JOINTS: 2 jts (63.14') TOTAL STRING LENGTH: EOT @ 5720.74' KB 4746-4756 4870-4882 PERFORATION RECORD 5182-5190' 07/06/06 5675-5685' 4 JSPF 40 holes 07/12/06 5458-5469' 4 JSPF 44 holes 5371-53853 5371-5385 07/12/06 4 ISPE 56 holes 07/12/06 5182-5190' 4 JSPF 32 holes 4870-48821 07/12/06 48 holes 07/12/06 4746-4756 40 holes 5458-54691 07/19/06 4638-4646' 4 JSPF 32 holes 5675-56851 PBTD @ 5844' NEWFIELD Ashley Federal 13-27-9-15 TD @ 5900' 438' FSL & 510' FWL SW/SW Section 27-T9S-R15E Duchesne Co, Utah

API #43-013-32878; Lease #UTU-74827

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1401 17th Street, Suite 1000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #13-27-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley PA AB.

A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Ashley Federal #13-27-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3807' - 4768'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3480' and the Castle Peak top at 5338'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #13-27-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #UTU-74827) in the Monument Butte (Green River) Field, Ashley PA AB, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 323' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5886' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1935 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #13-27-9-15, for existing perforations (4438' - 5685') calculates at 0.83 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2095 psig. We may add additional perforations between 3807' and 5903'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #13-27-9-15, the proposed injection zone (3810' - 5807') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-5.

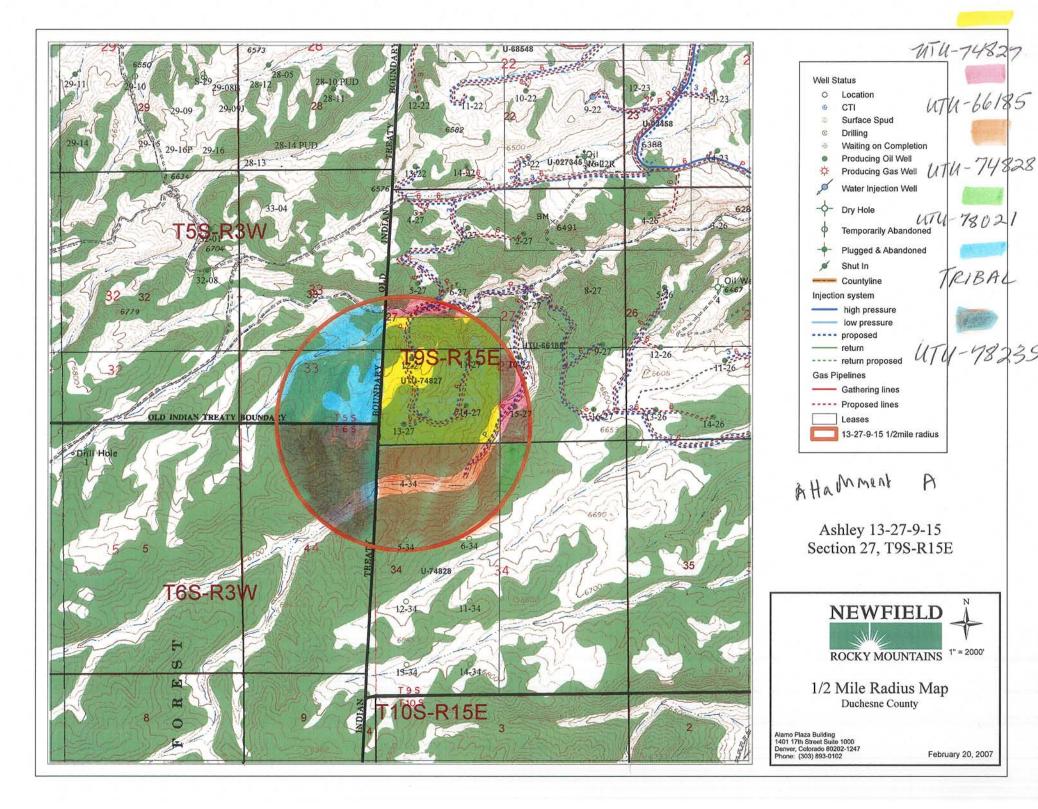
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



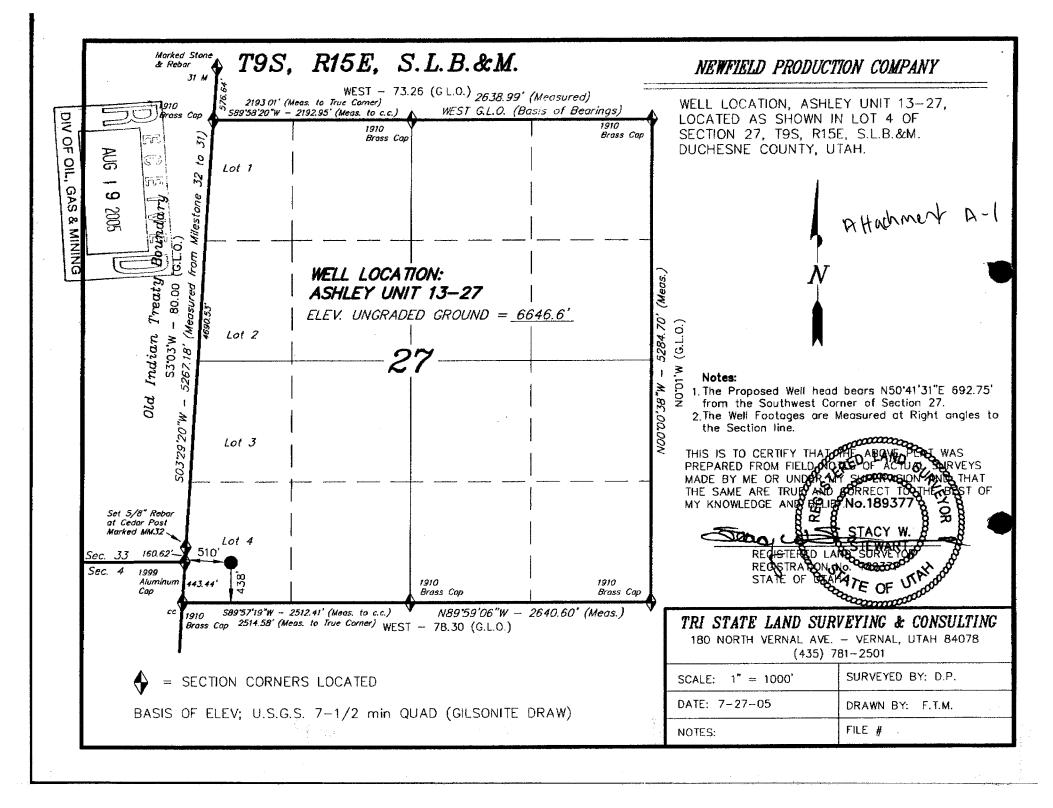


EXHIBIT B

Page 1

#	Land Description	Minerals Ownership Expires	& Minerals Leased By	Surface Rights
1	Township 9 South, Range 15 East Section 27: Lots 3, 4, E/2SW/4	UTU-74827 HBP	Newfield Production Company	USA
2	Township 9 South, Range 15 East, SLM Section 22: Lots 2-4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4 E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, Section 27: Lots 1, 2, S/2NE/4, E/2NW/4	S/2	Newfield Production Company	USA
3	Township 9 South, Range 15 East Section 33: Lots 1, 2 Section 34: Lots 1, 3, E2NW/4, SW/4	UTU-74828 HBP	Newfield Production Company	USA
4	Township 9 South, Range 15 East Section 34: E/2 Section 35: All	UTU-78021 12/31/2008	III Exploration Co QEP Uinta Basin Inc.	USA

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5	Township 6 South, Range 3 West Section 4: All Section 5: All Section 6: All Section 7: All	UTU-78235 3/31/2009	Exxon Mobile Corp	USA
6	Township 5 South, Range 3 West, USM Section 33: Lots 1, 2, 3, 4, W/2	UTE 14-20-H62-3522 HBP	Petroglyph Gas Partners, L. P.	BIA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well Ashley Federal #13-27-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:

Newfield Production Company

Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this_

day of

2008

Notary Public in and for the State of Colorado:

My Commission Expires:

79

Ashley Federal 13-27-9-15

Spud Date: 06/02/06 Initial Production: BOPD, Put on Production: 07/21/06 Wellbore Diagram MCFD, BWPD K.B.: 6659, G.L.: 6647 SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 07/12/06 5675-56853 Frac CP5, sands as follows: 20367# 20/40 sand in 314 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2791 psi w/avg rate of 25.1 BPM. ISIP 2690 psi. Calc WEIGHT: 24# flush: 5683 gal. Actual flush: 5166 gal. LENGTH: 7 jts. (311') 07/12/06 5371-5469* Frac CP1, CP2 sands as follows: DEPTH LANDED: 322.85' KB 74708# 20/40 sand in 586 bbls Lightning 17 frac fluid. Treated @ avg press of 2669 psi w/avg rate of 25.3 BPM, ISIP 2130 psi, Calc HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 0 bbls cmt to surf. flush: 5467 gal. Actual flush: 4914 gal. 07/12/06 5182-5190' Frac LODC sands as follows: 24811# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 3056 psi w/avg rate of 25.1 BPM. ISIP 2610 psi. Calc flush: 5188 gal. Actual flush: 4662 gal. Frac A1, B2 sands as follows: 07/12/06 4746-48823 Cement Top @ 100' 39886# 20/40 sand in 374 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2010 psi CSG SIZE: 5-1/2" w/avg rate of 25.1 BPM. ISIP 2350 psi. Calc flush: 4880 gal. Actual flush: 4410 gal. GRADE: I-55 07/19/06 4638-4646* Frac C sands as follows: WEIGHT: 15.5# 42138# 20/40 sand in 386 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 25.1 BPM. ISIP 2255 psi. Calc LENGTH: 141 jts. (5873.17') DEPTH LANDED: 5886.42' KB flush: 4644 gal. Actual flush: 4536 gal. HOLE SIZE: 7-7/8" 10/02/06 Pump Change: Update rod and tubing details. CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 11-20-06 Tubing leak: Updated rod and tubing detail. CEMENT TOP: 100° 1-18-07 Tubing Leak: Updated rod and tubing detail. 7/16/07 Tubing Leak. Updated rod & tubing detail. <u>TUBING</u> SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 176 jts (5577.87') TUBING ANCHOR: 5589.87' KB (2.80) NO. OF JOINTS: 2 jts (63.38') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5656.05' KB 4638-46463 NO. OF JOINTS: 2 jts (63.14') TOTAL STRING LENGTH: EOT @ 5720.74' KB 4746-4756' 4870-48821 PERFORATION RECORD SUCKER RODS 5182-5190' 07/06/06 5675-5685' 07/12/06 5458-5469' 4 JSPF 44 holes POLISHED ROD: 1-1/2" x 22' 5371-53851 07/12/06 5371-5385' 4 JSPF 56 holes SUCKER RODS: 8' x 1/2" pony rods, 219-1/4" guided rods, 6-1 1/2" weight bars 07/12/06 5182-51901 4 JSPF 32 holes PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' 1/2 RHAC 07/12/06 4870-4882 4 JSPF 48 holes 4746-4756 07/12/06 4 JSPF 40 holes STROKE LENGTH: 86" 5458-54693 07/19/06 4638-4646 PUMP SPEED: 5 SPM Anchor @ 5590' 5675-5685' SN 5656' EOT @ 5721' PBTD @ 5844' NEWFIELD SHOE @ 5886' Ashlev Federal 13-27-9-15 TD @ 5900' 438' FSL & 510' FWL SW/SW Section 27-T9S-R15E Duchesne Co, Utah

API #43-013-32878; Lease #UTU-74827

Ashley Federal 12-27-9-15

Spud Date: 7-18-05 Initial Production: BOPD. Put on Production: 01-11-06 Wellbore Diagram MCFD, BWPD GL: 6590' KB: 6602' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 9-15-05 4880-4890' Frac A1 sands as follows: 27781# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 3436 psi GRADE: J-55 WEIGHT: 24# Cement top @ 94' w/avg rate of 15.5 BPM, ISIP 2300 psi. Calc flush: 4878 gal. Actual flush: 1176 gal. LENGTH: 7 jts. (298.09') Frac B1 & B2 sands as follows: 8-29-05 4725-4780' DEPTH LANDED: 309.94' KB 143023# 20/40 sand in 970 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1753 psi w/avg rate of 24.8 BPM. ISIP 2190 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 4723 gal. Actual flush: 4616 gal. Frac D1 & D2 sands as follows: 8-29-05 4480-4536 161172# 20/40 sand in 1080 bbls Lightning 17 frac fluid. Treated @ avg press of 17541 psi w/avg rate of 25.1 BPM. ISIP 2200 psi. Calc flush: 4478 gal. Actual flush: 410 gal. 12/17/05 Pump Change. Update rod and tubing details. PRODUCTION CASING Pump Change. Update rod and tubing details. Pump Change. Update rod & tubing details. 08/22/06 7/18/07 CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5# LENGTH: 132 jts. (5787.19') DEPTH LANDED: 5786,44' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 94' TUBING SIZE/GRADE/WT.: 2-7/8" NO. OF JOINTS: 150 jts (4859.60') 4480-44883 TUBING ANCHOR: 4871.60' (2.80) NO. OF JOINTS: 1 jts (32.58') 4513-4536 SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4906.98 NO. OF JOINTS: 2 jts (65.03') 4725-4740' TOTAL STRING LENGTH: EOT @ 4973.56' KB 4760-4780 Anchor @ 4872' PERFORATION RECORD SUCKER RODS SN 4907' 09-09-05 4880-4890' 4 JSPF 40 holes 10-04-05 4725-4740' 4 JSPF 60 holes 4880-4890 POLISHED ROD: 1-1/2" x 22" 10-04-05 4760-4780' 4 JSPF 80 holes SUCKER RODS: 2-2', 1-8' x 3/4" pony rods, 189-3/4" guided rods, 6-1 1/2" wt 11-03-05 4480-4488 4 ISPE 32 holes 11-03-05 4513-4536' 4 JSPF 92 holes PUMP SIZE:16' x 2' x 16.5' x 17' RHAC STROKE LENGTH: 86 PUMP SPEED, SPM: 5spm SN @ 4906.98' EOT @ 4973.56' NEWFIELD PBTD @ 5770' SHOE @ 5786' Ashley Federal 12-27-9-15 TD @ 5800' 1801' FSL & 614' FWL NW/SW Section 27-T9S-R15E

Duchesne Co, Utah
API #43-013-32626; Lease #UTU-74827

Ashley Federal 11-27-9-15

Spud Date: 06/12/06 Initial Production: BOPD, Put on Production: 07/19/06 Wellbore Diagram MCFD, BWPD K.B.: 6577, G.L: 6565 SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 07/13/06 5460-5478 Frac CP2 sands as follows: 54920# 20/40 sand in 471 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1889 psi w/avg rate of 25.3 BPM. ISIP 1970 psi. Calc flush: 5476 gal. Actual flush: 4956 gal. WEIGHT: 24# LENGTH: 7 jts. (304.56') 07/13/06 4754-4770' Frac B2 sands as follows: DEPTH LANDED: 316.14' KB 29001# 20/40 sand in 346 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1906 psi w/avg rate of 14.6 BPM. ISIP 2130 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 4768 gal. Actual flush: 4284 gal. 07/13/06 4637-46463 Frac C sands as follows: 24857# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2432 psi w/avg rate of 16.2 BPM. ISIP 2350 psi. Calc flush: 4644 gal. Actual flush: 4158 gal. Cement Top @ 150' Frac D1 sands as follows: 60393# 20/40 sand in 470 bbls Lightning 17 07/13/06 4486-44963 PRODUCTION CASING frac fluid. Treated @ avg press of 1757 psi CSG SIZE: 5-1/2" w/avg rate of 25.3 BPM, ISIP 2150 psi. Calc flush: 4494 gal. Actual flush: 4410 gal. GRADE: J-55 WEIGHT: 15.5# 02/15/07 Work Over Rod & Tubing detail updated. LENGTH: 134 jts. (5895.02") DEPTH LANDED: 5894.27' KB HOLE SIZE: 7-7/8" CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. CEMENT TOP: 150 Feet TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 172 jts (5438.80') TUBING ANCHOR: 5450.80' KB NO. OF JOINTS: 1 jts (31.60') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5485.20' KB NO. OF JOINTS: 2 jts (63.20') TOTAL STRING LENGTH: EOT @ 5549.95' KB 4486-4496 PERFORATION RECORD SUCKER RODS 07/10/06 5460-5478' 4 JSPF 72 holes 07/13/06 4754-4770' 4 JSPF 64 holes 4637-4646 POLISHED ROD: 1-1/2" x 22' SM polished rod 07/13/06 4637-4646' 4 JSPF 36 holes SUCKER RODS: 1-6', 1-2' x 3/4" pony rod, 99-3/4" scrapered rods, 108-3/4" 07/13/06 4486-4496' 4 JSPF plain rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 4754-4770' PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger STROKE LENGTH: 86" PUMP SPEED, 5 SPM: Anchor @ 5450 5460-5478 EOT @ 5550' SN 5485' PBTD @ 5859 NEWFIELD SHOE @ 5894' Ashley Federal 11-27-9-15 TD @ 5900' 1797' FSL & 1817' FWL NE/SW Section 27-T9S-R15E Duchesne Co, Utah

API #43-013-32877; Lease #UTU-74827

Ashley Federal 10-27-9-15

Spud Date: 06/19/06 Put on Production08/03/06

K.B.: 6483, G.L.: 6471

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (299.38') DEPTH LANDED: 311.23' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

FRAC JOB

01/24/07

03/20/07

Anchor @ 4415'

4446-4454

4784-4795

4806-4820'

PBTD @ 5763'

SHOE @ 5809'

TD @ 5830'

EOT @ 4516'

08/01/06 4784-4820

Frac A1, A3 sands as follows: 80975# 20/40 sand in 588 bbls Lightning 17 frac fluid. Treated @ avg press of 2217 psi w/avg rate of 25.1 BPM, ISIP 2600 psi. Calc flush: 4818 gal. Actual flush: 4662 gal.

11/20/06 4446'-4454' Frac D2 sands as follows:

> 50,000# 20/40 sand in 19,950 bbls Lightning 17 frac fluid. Treated w/ avg press of 1596 psi @ avg rate of 24.9 BPM. ISIP 1700 psi.

Pump Change: Rod & Tubing Detail Updated Pump Change: Rod & Tubing Detail Updated

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 132 jts. (5810.09') DEPTH LANDED: 5809.34' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 139 jts (4403.02') TUBING ANCHOR: 4415.02' KB NO. OF JOINTS: 1 jts (31.70') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4449.52' KB NO. OF JOINTS: 2 jts (63.35') "HE" RH (1.80') TOTAL STRING LENGTH: EOT @ 4515.77' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 1-6', 1-2' x 3/4" pony rod, 98-3/4" scrapered rods, 53-3/4" scapered rods, 20-3/4" scrapered rods, 6-1 1/2" weight rods.

SN 4450'

PUMP SIZE: 2-1/2" x 1-1/2"x 12 x 4 x 17' RHAC w/SM plunger

STROKE LENGTH: ? PUMP SPEED, 5 SPM:

PERFORATION RECORD

07/25/06 4806-4820° 4 JSPF 56 holes 11/17/06 4446'-4454' 4 JSPF 32 holes

NEWFIELD

Ashley Federal 10-27-9-15

1779' FSL & 2202' FEL NW/SE Section 27-T9S-R15E Duchesne Co, Utah

API #43-013-32876; Lease #UTU-66185



Ashley Federal 14-27-9-15

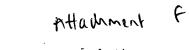
Spud Date: 06/05/06 Initial Production: Put on Production07/24/06 MCFD, BWPD Wellbore Diagram K.B.: 6639, G.L.: 6627 SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 07/18/06 5387-5506 Frac CP1, CP2, CP3 sands as follows: 80338# 20/40 sand in 601 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1755 psi w/avg rate of 25.1 BPM. ISIP 2125 psi. Calc flush: 6110 gal. Actual flush: 4881 gal. WEIGHT: 24# LENGTH: 7 jts. (309.40') Frac LODC sands as follows: 07/18/06 5193-5199 DEPTH LANDED: 321.25' KB 20393# 20/40 sand in 298 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2823 psi w/avg rate of 25 BPM. ISIP 2725 psi. Calc flush: 5197 gal. Actual flush: 4662 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf. 07/18/06 4772-4778 Frac B2 sands as follows: 19876# 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg press of 2018 psi w/avg rate of 14.3 BPM, ISIP 2000 psi. Calc flush: 4776 gal. Actual flush: 4259 gal. Frac D1, D2 sands as follows: 180151# 20/40 sand in 1184 bbls Lightning17 07/18/06 4492-4534' PRODUCTION CASING frac fluid. Treated @ avg press of 2063 psi CSG SIZE: 5-1/2" w/avg rate of 25 BPM. ISIP 2350 psi. Calc flush: 4532 gal. Actual flush: 4368 gal. GRADE: J-55 WEIGHT: 15.5# LENGTH: 134 jts. (5907') 4492-4517 DEPTH LANDED: 5906.25' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. 4528-4534 4772-4778 TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# 5193-5199 NO. OF JOINTS: 173 jts (5469.03') TUBING ANCHOR: 5481.03' KB NO. OF JOINTS: 1 jts (31.65') 5387-5392 SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5515.48' KB 5460-5470 NO. OF JOINTS: 2 jts (63.21') TOTAL STRING LENGTH: EOT @ 5580.24' KB Anchor @ 5481' PERFORATION RECORD 5499-5506 SUCKER RODS SN 5515' 07/11/06 5499-5506" 4 JSPF 28 holes 07/11/06 5460-5470' 4 JSPF 40 holes POLISHED ROD: 1-1/2" x 22' SM 07/11/06 5387-5392' 4 ISPF 20 holes SUCKER RODS: 1-8,1-2', x3/4" pony rod, 100-3/4" guided rods,104-3/4" plain 4 JSPF 07/18/06 5193-5199' 24 holes rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 07/18/06 4772-4778 4 JSPF 24 holes 07/18/06 4528-4534 4 JSPF 24 holes PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger 4492-4517 100 holes 07/18/06 4 JSPF STROKE LENGTH: 86" PUMP SPEED, 6 SPM: NEWFIELD PBTD @ 5863 Ashley Federal 14-27-9-15 SHOE @ 5906' 801' FSL & 1799' FWL SE/SW Section 27-T9S-R15E TD @ 5930'

Duchesne Co, Utah API #43-047-32879; Lease #UTU-

Ashley Federal 15-27-9-15

Spud Date: 6-21-06 Initial Production: Put on Production: 8-17-06 Wellbore Diagram MCFD, BWPD GL: 6506' KB: 6418' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08-09-2006 5211-5288* Frac CP1. LODC sands as follows: 35250# 20/40 sand in 387 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2095 psi WEIGHT: 24# Cement top @ 300' w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 5209 gal. Actual flush: 4704 gal. LENGTH: 7 jts (304.56') Frac D1 sands as follows: 08-09-06 4390-44003 DEPTH LANDED: 322.33' KB 29767# 20/40 sand in 336 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1603 psi w/avg rate of 14.4 BPM. ISIP 1875 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 4388 gal. Actual flush: 4284 gal. 08-10-06 4041-40663 Frac PB8 sands as follows: 81240# 20/40 sand in 575 bbls Lightning 17 frac fluid. Treated @ avg press of 2410 psi w/avg rate of 21.8 BPM. ISIP 3500 psi. Calc flush: 4039 gal. Actual flush:3570 gal. PRODUCTION CASING 08-10-06 3915-3934' Frac GB6 sands as follows: CSG SIZE: 5-1/2" 78749# 20/40 sand in 564 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 w/ avg rate of 24.9 BPM. ISIP 2075 psi. Calc flush: 3913 gal. Actual flush: 3822 gal. GRADE: J-55 WEIGHT: 15.5# LENGTH: 133 jts. (5829.32') DEPTH LANDED: 5828.57' KB CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 11/28/06 Pump Change: Updated rod and tubing detail. CEMENT TOP AT: 300 2-2-07 Pump Change: Updated rod and tubing detail. 3915-3934 4041-4066* **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 166 jts (5251.18') 4390-4400' TUBING ANCHOR: 5263.18' KB NO. OF JOINTS: 1 jts (31.61') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5297.59' KB NO. OF JOINTS: 2 its (63.36') TOTAL STRING LENGTH: EOT @ 5362,05' KB 5511-5219 Anchor @ 5263' PERFORATION RECORD SUCKER RODS SN 5298' 5281-5288' 08-03-06 5281-5288' 28 holes 08-03-06 5211-5219' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 22' SM 08-09-06 4390-4400' 4 ISPF 40 holes SUCKER RODS: 1-8', 2-4', 1-2' pony rods, 100- 34" scrapered rods, 69- 34" 4041-4066' 4 JSPF 100 holes plain rods, 30- 3/2" scrapered rods, 6-1 1/2" weight rods. 08-10-06 3915-3934' 4 JSPF 76 holes PUMP SIZE: 2-1/2" x 1-1/2"x16 x 14' RHAC w/SM plunger STROKE LENGTH: 86" PUMP SPEED, SPM: 5 SPM NEWFIELD PBTD @ 5787' SHOE @ 5828' Ashley Federal 15-27-9-15 TD @ 5850' 751' FSL & 2288' FEL SW/SE Section 27-T9S-R15E Duchesne Co. Utah

API # 43-013-32880; Lease # UTU-66185





(of 4 Analysis: 41494



Water Analysis Report from Baker Petrolite

	Summary of Mi	xing Waters	
Sample Number	389461	384274	
Company	NEWFIELD EXPLORATION	NEWFIELD EXPLORATION	
Lease	JOHNSON WATER	ASHLEY FACILITY	
Well	PUMP STATION 2	13-27-9-15	
Sample Location	PUMP DISCHARGE	WELLHEAD	
Anions (mg/L)			
Chloride	17.0	14,187	
Bicarbonate	319	2,947	
Carbonate	0.00	0.00	
Sulfate	89.0	35.0	
Phosphate	0.00	0.00	
Borate	0.00	0.00	
Silicate	0.00	0.00	
Cations (mg/L)			,
Sodium	85.9	10,248	
Magnesium	22.0	17.0	
Calcium	40.0	15.0	
Strontium	0.20	15.0	
Barium	0.20	6.00	
Iron	0.10	1.50	
Potassium	0.20	32.0	
Aluminum	0.00	· 0.00	
Chromium	0.00	0.00	
Copper	0.00	0.00	
Lead	0.00	0.00	
Manganese	0.03	0.03	
Nickel	0.00	0.00	
Anion/Cation Ratio	1.00	1.00	
TDS (mg/L)	574	27,503	
Density (g/cm)	1.00	1.02	
Sampling Date	1/10/07	3/12/07	i
Account Manager	RANDY HUBER	RANDY HUBER	
Analyst	LISA HAMILTON	JOSE NUNEZ	
Analysis Date	1/17/07	3/20/07	
pH at time of sampling			
pH at time of analysis	8.16	8.21	
pH used in Calculations	8.16	8.21	



Alfahment F 2 of 4 Analysis: 41494

Water Analysis Report from Baker Petrolite

Mixes at 140°F and 0 psi

Dr	ediction	e of Ca	rhon Dioxide Pre	esure Saturation	on Index and Am	ount of Scale in	Ib/1000bbl
Mix Waters		CO ₂	Calcite CaCO ₃	Gypsum CaSO₄•2H₂O	Anhydrite Celestite		Barite BaSO ₄
389461	384274	psi	Index Amount	Index Amount	Index Amount	Index Amount	Index Amount
100%	0%	0.09	1.01 16.3	-1.86	-1.70	-2.38	0.28 0.06
90%	10%	0.14	1.03 22.0	-2.27	-2.10	-1.79	0.54 0.33
80%	20%	0.22	0.98 23.4	-2.51	-2.34	-1.70	0.59 0.60
70%	30%	0.31	0.93 22.6	-2.70	-2.53	-1.68	0.60 0.86
60%	40%	0.41	0.87 21.0	-2.87	-2.70	-1.68	0.59 1.11
50%	50%	0.52	0.82 19.1	-3.03	-2.85	-1.70	0.57 1.33
40%	60%	0.64	0.76 17.1	-3.18	-3.00	-1.72	0.54 1.53
30%	70%	0.77	0.70 15.0	-3.33	-3.15	-1.76	0.51 1.70
20%	80%	0.90	0.64 12.9	-3.48	-3.30	-1.80	0.47 1.83
10%	90%	1.04	0.57 10.7	-3.64	-3.46	-1.84	0.42 1.90
0%	100%	1.18	0.50 8.6	-3.81	-3.63	-1.90	0.36 1.89

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO₂ pressure is the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

A Humment F 3 of 4

West Coast Region 5125 Boylan Street Bakersfield, CA 83308 (661) 325-4138 Lab Team Leader - Sheila Hernandez (432) 495-7240

Water Analysis Report by Baker Petrolite

Company:

NEWFIELD EXPLORATION

Sales RDT:

31706

Region:

WESTERN REGION

Account Manager: RANDY HUBER (435) 823-0023

Area:

MYTON, UT

Sample #:

409345

Lease/Platform:

ASHLEY FACILITY

Analysis ID #:

78292

Entity (or well #):

INJECTION SYSTEM

Analysis Cost:

\$80.00

Formation:

UNKNOWN

Sample Point:

BEFORE FILTERS

Sum	mary	Analysis of Sample 409345 @ 75 °F							
Sampling Date:	12/29/07	Anions	mg/l	meq/l	Cations	mg/l	meq/l		
Analysis Date: Analyst:	01/10/08 STACEY SMITH	Chloride: Bicarbonate:	589.0 487.0	16.61 7.98	Sodium: Magnesium:	518.3 23.0	22.55 1.89		
TDS (mg/l or g/m3): Density (g/cm3, ton	ne/m3): 1.001	Carbonate: Sulfate: Phosphate:	0.0 109.0	0. 2.27	Calcium: Strontium: Barium:	45.0 1.5 1.0	2.25 0.03 0.01		
Anion/Cation Ratio:	1	Borate: Silicate:			Iron: Potassium: Aluminum:	0.1 5.0	0. 0.13		
Carbon Dioxide:	:	Hydrogen Sulfide:			Chromium:				
Oxygen:		pH at time of sampling:			Copper: Lead:				
Comments:		pH at time of analysis:		8.12	Manganese:	0.025	0.		
		pH used in Calculation:		8.12	Nickel:				
l									

Cond	itions	Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	~ C-CO C-SO *2H 0			Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄			
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.80	14.35	-1.95	0.00	-2.02	0.00	-1.70	0.00	1.22	0.70	0.05
100	0	0.87	16.79	-1.95	0.00	-1.96	0.00	-1.68	0.00	1.09	0.70	80.0
120	0	0.95	19.59	-1.94	0.00	-1.87	0.00	-1.64	0.00	0.97	0.70	0.11
140	0	1.04	22.74	-1.93	0.00	-1.76	0.00	-1.60	0.00	0.89	0.35	0.16

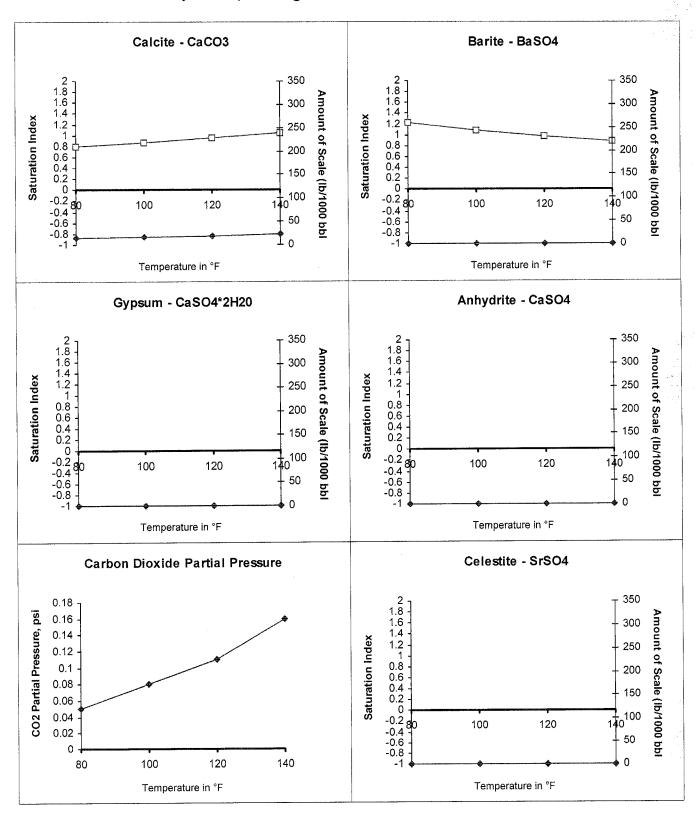
Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 409345 @ 75 °F for NEWFIELD EXPLORATION, 01/10/08



Attachment "G"

Ashley Federal #13-27-9-15 Proposed Maximum Injection Pressure

	nterval eet)	Avg. Depth	ISIP	Calculated Frac Gradient		
Тор	Bottom	(feet)	(psi)	(psi/ft)	Pmax	
5675	5685	5680	2690	0.91	2653	
5371	5469	5420	2130	0.83	2095	←
5182	5190	5186	2610	0.94	2576	
4746	4882	4814	2350	0.93	2319	
4638	4646	4642	2255	0.92	2225	
				Minimum	2095	

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment 9-1

DAILY COMPLETION REPORT

VVELLI	NAIVIE:	Ashley Federal	13-27-9-15	Report Date	e: July	77,2006		Day: U1
Оре	ration:	Completion				Rig:	Rigless	
			WE	LL STATUS				
Surf Csg:	8-5/8	@ 323'	Prod C		@ _	5886'	Csg PBTD:	5811"WL
Tbg:	Size:	Wt:	Grd:	Pkr/	EOT @: _		BP/\$and PBTD:	***************************************
			PERFOR	RATION RECO	RD			
Zone		<u>Perfs</u>	SPF/#shots	,	Zone		<u>Perfs</u>	SPF/#shots
				CP5	sds	5675	-5685'	4/40
				-				
						manufacture de lat de la		

			· · · · · · · · · · · · · · · · · · ·					
Date Wor	k Perfori	ned: July 6	6, 2006			SITP:	SICP:	0
				ECOVERY (BB				
_		be recovered:		tarting oil rec to il lost/recovered	-			
Fluid <u>lost/</u> Ending flu				um oil recovered		.,		
IFL:		***************************************	TP: Cho	oke:	Final	Fluid Rate:	Final	oil cut:
		STIMULATIO	N DETAIL		, . p		COSTS	
Base Fluid	l used: _	J	lob Type:			Weath	erford BOP	\$460
Company:					_	NF	PC NU crew	\$300
Procedure	or Equip	ment detail:				N	OSI trucking	\$1,000
والمستناف المستناف ا					-	Perf	orators LLC	\$5,448
						April Million (Mary and Mary Mary Mary Mary Mary Mary Mary Mary	Drilling cost	\$298,112
					 	Zu	biate HO trk	\$475
			·			Location	preparation	\$300
						NF	PC wellhead	\$1,500
						Bend	co - anchors	\$1,200
						Admir	n. Overhead	\$3,000
prince in the state of the stat						NPC	Supervisor	\$300
Max TF);	Max Rate:	Total fluid pm	pd:				
Avg TF		Avg Rate:	Total Prop pm		 -			A A A A B B B B B B B B B B
ISIF		5 min:	10 min:	FG:	······································	DAILY		\$312,095
Comp	letion Su	ıpervisor:G	ary Dietz			TOTAL W	ELL COST:	\$312,095



Attachment 9-1 20F9

Day: 2a

DAILY COMPLETION REPORT

Report Date: July 13, 2006

WELL NAME: Ashley Federal 13-27-9-15

Ope	ration:	Completion				Rig:	Rigless	5
			N	ELL STATUS				
Surf Csg:	8-5/8' @	323 '		l Csg: 5-1/2"	@	5886'	Csg PBT	D: 5811"WL
Tbg:	Size:	Wt:	Grd:	Pkr/E	ЮТ @:]		BP/Sand PBT	D:
			PERFO	DRATION RECOR	RD			
<u>Zone</u>		<u>Perfs</u>	SPF/#shots		one		<u>Perfs</u>	SPF/#shots
				CP5	sds	5675-	5685'	4/40

)+p4-00-00-00-00-00-00-00-00-00-00-00-00-00		M		
Date Wor	k Perform	ed: July	12, 2006			SITP:	SIC	P: 60
				/ 6.5 ppg of sand sure on well. See			070 1102 doid 1	n de la companya de l
				RECOVERY (BBI				
_		be recovered:	139	Starting oil rec to				
	recovered t		314 453	Oil lost/recovered Cum oil recovered			and the second s	
iFL:	id to be red Fi	FL:		Choke:		Fluid Rate:	Fin	al oil cut:
		STIMULAT	ION DETAIL				COSTS	·····
Base Fluid	lused: I	Lightning 17	Job Type:	Sand frac		Weatherfo	rd Services	\$97
Company:		Services				NPC	frac water	\$40
Procedure	or Equipm	nent detail:	CP5 sds down ca	asing	,	N	PC fuel gas	\$5
420	gals to loa	ad			Distant i	BJ Servic	es CP5 sds	\$19,49
201	6 gals of p	ad				NPC	Supervisor	\$7
151	1 gals w/ 1	-4 ppg of 20/40) sand					was the control of th
357	1 gals w/ 4	-6.5 ppg of 20/-	40 sand	Suppression and the state of th			The state of the s	Control of the Contro
504	gals of 15	% HCL acid		yp				***************************************
Flus	sh w/ 5166	gals of slick wa	ater					
FI	ush called	@ blender to inc	lude 2 bbls pump	/line volume				***************************************
	P: 3039 M							- 12
Avg TF	P: 2791 A	vg Rate: 25	5.1 Total Prop	pmpd: 20,367#'s	<u>; </u>			
ISIF	P: <u>2690</u>	5 min:	10 min:	FG: <u>.91</u>		DAILY C		\$21,00
Comp	letion Sup	ervisor:	Ron Shuck			TOTAL W	ELL COST:	\$333,09



DAILY COMPLETION REPORT

WELL I	NAME:	Ashley Fede	ral 13-27-9-15	Re	eport Date:	July	13, 2006			Day: 2b
Оре	eration:	Completio	n	_			Rig: _	Rigl	ess	
	#* · W · W · W · · · · · · · · · · · · ·		<u>v</u>	VELL S	TATUS_				**********	····
Surf Csg:	8-5/8		-	******	5-1/2"	@ _	5886'	_		5811"WL
Tbg:	Size:	Wt:	Grd:		Pkr/E0	OT @: _		BP/Sand P	BTD:	5570'
			PERF	ORATIO	N RECORI	<u> </u>				
<u>Zone</u>		<u>Perfs</u>	SPF/#shots		<u>Zo</u> CP5 s		5675-	Perfs		SPF/#shots 4/40
				-	<u>CF3 S</u>		3673-		,	4/40
CP1 sds		5371-5385'	4/56	-						
CP2 sds		5458-5469'	4/44	-	***************************************					
Date Wor	k Perfo	rmed: Jul	y 12, 2006				SITP:		SICP:	1769
Guns (23 bbls of Light Treated @	gram, ghtning ave p	.43"HE, 90°)w/ 4 17 frac fluid. O ressure of 2269 p	due to mis-fire. P 4 spf for total of 10 pen well w/ 1769 osi w/ ave rate of 39 bbls EWTR. L	00 shots psi on 25.3 bpi	s. RU BJ & casing. Pe m w/ 8 ppg	frac sta erfs bro of sand	age #2 w/ 74 ke down @ I. Spot 12 I	4,798#'s of 2348 psi	20/40 back	sand in 586 to 1671 psi
					/ERY (BBL					
_		to be recovered:	453		g oil rec to d	_				
Fluid lost/		ed today: recovered:	586 1039		recovered to	-	alconomic to Allin Solvens and the state of the second			
IFL:						-	Fluid Rate:		Final	oil cut:
		STIMULA	TION DETAIL					COSTS	<u> </u>	
Base Fluid	l used:	Lightning 17	Job Type:	Sand	frac		Weatherfo	d Services		\$2,200
Company:		BJ Services	-				NPC	frac water		\$1,555
Procedure	or Equ	ipment detail:	CP2 & CP1 sds	down ca	sing	***	NF	PC fuel gas		\$216
			, , , , , , , , , , , , , , , , , , ,				BJ Service:			\$22,593
<u>579</u>	6 gals o	f pad					NPC	Supervisor		\$75
394	4 gals v	v/ 1-5 ppg of 20/4	0 sand			-	Lone Wolf	CP2&1 sds		\$4,700
787	2 gals v	v/ 5-8 ppg of 20/4	0 sand				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			······································
158	2 gals v	v/ 8 ppg of 20/40	sand				**************************************			»«
504	gals of	15% HCL acid				_				
Flus	sh w/ 49	14 gals of slick w	rater		and and the control of the control of the					CONTRACTOR
FI	ush call	ed @ blender to in	clude 2 bbls pump	/line vol	ume		**************************************			
			5.5 Total fluid		586 bbls		TO SHARE THE SHARE S			ese de la companya della companya della companya de la companya della companya de
_	***************************************	. •	5.3 Total Prop	pmpd: _	74,798#'s		DAILY C) ST.		\$24.220
	P: <u>2130</u>	5 min: Supervisor:	10 min: Ron Shuck	,	FG: <u>.83</u>	-	TOTAL WE			\$31,339 \$364,436
Comb	ienon s	uhei visoi	NOR SHUCK				I O I AL WE	.LL 0031.		ψυυ4,400



Affadravant 4-1

Day: 2c

DAILY COMPLETION REPORT

Report Date: __July 13, 2006__

WELL NAME: Ashley Federal 13-27-9-15

Operation	: Completion			Rig:RigI	ess
		WELL S	STATUS		
Surf Csg: 8-5/8	s' @ 323'	Prod Csg:	5-1/2" @	5886' Csg P	BTD: 5811"WL
Tbg: Size:		Grd:	Pkr/EOT @:	BP/Sand P	
		DEDEAD 4 TI	AU 550055	Plug 5570'	
7	Dowfo		ON RECORD	<u>Perfs</u>	SPF/#shots
<u>Zone</u>	<u>Perfs</u>	SPF/#shots	<u>Zone</u> CP5 sds	5675-5685'	4/40
		WARRANT STATE OF THE STATE OF T			
	described and a second a second and a second a second and	Article			
LODC sds	5182-5190'	4/32 4/56	***************************************		
CP1 sds CP2 sds	5371-5385' 5458-5469'	4/44			
01 2 303	<u> </u>	77 - 7			
D - 4 - 14/ 10 D 6	t t	40.0000		SITP:	SICP: 1266
Date Work Perfe	ormea. July	12, 2006		OIIF.	1200
Day2c.	, , , ,		001 D 6	NO 11 O 5100 001 11	
RU WLT. RIH	w/ frac plug & 8' pe	rf gun. Set plug @ 530	00'. Perforate LOL	OC sds @ 5182-90' w/ 4	spr for total of 3
shots. RU BJ &	perfs won't breakd	own. RIH & spot 10 g	gals of 15% HCL	acid on perfs. RU BJ 8	k trac stage #3 v
24,811#'s of 20/	40 sand in 323 bbls	of Lightning 17 frac flu	uid. Open well w/	1266 psi on casing. Pe	rts broke down
3641 psi back to	2340 psi. Treated	@ ave pressure of 30	56 psi w/ ave rate	of 25.1 bpm w/ 6.5 ppg	of sand. Spot
bbls of 15% HCL	acid in flush for nex	t stage. ISIP was 2610	0. 1362 bbls EWT	R. Leave pressure on w	/eii. See dayzd.
			VERY (BBLS)		
•	d to be recovered:		ng oil rec to date: st/recovered today:		
Fluid <u>lost</u> /recover Ending fluid to be			oil recovered:		
IFL:		FTP: Choke:		l Fluid Rate:	Final oil cut:
	STIMULATION			COSTS	<u> </u>
Base Fluid used:			d frac	Weatherford Services	<u>s</u> \$2,20
Company:	BJ Services	oos typo.		NPC frac water	
Procedure or Equ		ODC sds down casing	1	NPC fuel gas	\$8
1 Toccaute of Eq.	apmont dotain.	obo odo dominodomig	•	BJ Services LODC sd	\$12,11
2520 gals	of nad		20 Marie - 140 Marie 140 M	NPC Supervisor	\$7:
	w/ 1-4 ppg of 20/40	eand		Lone Wolf LODC sds	
	w/ 4-6.5 ppg of 20/4			Lond Won Lobb odd	
	f 15% HCL acid	o sand	and the second contract of the	Annual State Control of the Control	
The state of the s	662 gals of slick wat	·or		The second secon	-
Flush W/ 4	002 gais of slick war	CI	and the state of t		
Eluch cal	lod @ blander to incl	ude 2 bbls pump/line vo	olume	MELANDALA MODERA CONTRACTOR AND CONT	
Max TP: 323			323 bbls		-
Avg TP: 3056			Parket Control of the		New order of the second
ISIP: 2610		10 min:	FG: .94	DAILY COST:	\$19,74
		Ron Shuck		TOTAL WELL COST:	\$384,18



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 13-27-9-15

WELL NAME:	Ashley Federal 1	3-27-9-15	Report Date	: July	13, 2006	_	Day:2
Operation:	Completion				Rig:	Rigle	ss
		WEL	L STATUS				
Surf Csg: <u>8-5/8'</u> @	323'	Prod Cs	sg: <u>5-1/2"</u>	_ @ _	5886'	Csg PB	TD: <u>5811"W</u>
Tbg: Size:	Wt:	Grd:	Pkr/E	:ОТ @: _		BP/Sand PB	
		PERFOR	ATION RECOR	חא		Plug 5570' 5	300' 4980'
Zone	<u>Perfs</u>	SPF/#shots		one		<u>Perfs</u>	SPF/#sho
			CP5	sds	5675	-5685'	4/40
	6-4756'	4/40					
	0-4882'	4/48					
	2-5190' '1-5385'	4/32 4/56			***************************************		
	8-5469'	4/44					
012000 010			***************************************		24-144-144-144-144-144-144-144-144-144-1		
Date Work Performe	ed: July 12	. 2006			SITP:	SI	CP: 1977
Day2d.		,					
RU WLT. RIH w/ fi shots. RU BJ & per 39,886#'s of 20/40 sa 4200 psi back to 177 of 15% HCL acid in fi frac plug & 10' perf gr	fs won't breakdov and in 374 bbls o 0 psi. Treated @ lush for next stage	vn. RIH & spot of f Lightning 17 frac ave pressure of 2 e. ISIP was 2350	10 gals of 15% c fluid. Open v 2010 psi w/ ave). 1736 bbls EV	HCL awell w/ 1 rate of WTR. L	cid on per 1977 psi or 25.1 bpm v eave press	fs. RU BJ & n casing. Perf w/ 8 ppg of sa	frac stage #4 s broke down nd. Spot 12 b
			COVERY (BBI				
Starting fluid load to b			arting oil rec to	-			
Fluid <u>lost</u> /recovered to Ending fluid to be rec			l lost/recovered ım oil recovered	-			
IFL: FF			ke:	-	Fluid Rate:	F	inal oil cut:
	STIMULATION	IDETAII				COSTS	
Base Fluid used: L			and frac		Weatherfo	ord Services	\$2,2
· · · · · · · · · · · · · · · · · · ·	Services				NP	C frac water	\$8
Procedure or Equipme	ent detail: A1	sds down casing		-	N	IPC fuel gas	\$1
		_		•	BJ Se	rvices A1 sd	\$23,5
3192 gals of pa	ıd		<u>.</u>		NPC	Supervisor	\$
2500 gals w/ 1-	5 ppg of 20/40 sa	nd			Lone	Wolf A1 sds	\$4,7
5102 gals w/ 5-	8 ppg of 20/40 sa	nd					
504 gals of 15%	6 HCL acid						
Flush w/ 4410	gals of slick water			-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
				courteer to		and the second s	
	blender to includ	e 2 bbls pump/line Total fluid pmp	<u> </u>		······································		<u></u>
Max TP: 2124 Ma Avg TP: 2010 Av	to a construction of the second secon	-	od: <u>374 bbis</u> od: 39,886#'s		AND THE SECOND PORTS OF TH	a married school and a distributed and distributed and a street of the s	property and the second
ISIP: 2350	5 min:						
	o illili.	10 min:	FG: .92		DAILY (3081:	\$31,5



DAILY COMPLETION REPORT

WELL NAM	<u>E:</u> Ashley Feder	al 13-27-9-15	Repo	ort Date: July	14, 2006		Day:3
Operation	on: Completion	1	are every semi		Rig:	Rigless	
			WELL STA	TUS		,	
Surf Csg: 8-5	//8' @ 323 '	Pr			5886'	Csg PBTD	: 5811"WL
Tbg: Siz		Grd	:	Pkr/EOT @:		BP/Sand PBTD	
						Plug 5570' 5 300)' <mark>4980'</mark>
			FORATION				
<u>Zone</u>	<u>Perfs</u>	SPF/#sho	<u>ts</u>	Zone CD5 ada		<u>Perfs</u>	SPF/#shots
D2 odo	4746-4756'	4/40		CP5 sds	5675-	3063	4/40
B2 sds A1 sds	4870-4882'	4/48					
LODC sds	5182-5190'	4/32					
CP1 sds	5371-5385'	4/56		AND AND ADDRESS OF THE PARTY OF			<u> </u>
CP2 sds	5458-5469'	4/44					
Decision made	rformed: July rfs won't breakdown to MIRUSU & clean and to be recovered:	out sand. Finis	h frac's Mon	day. RD BJ & V			
Fluid lost/recov		0	Oil lost/re	covered today:			
Ending fluid to		1736		ecovered:	EL 14 D.4.		
IFL:	FFL:	FTP:	Choke:		Fluid Rate:	Fina	oil cut:
	STIMULAT	ION DETAIL				COSTS	
Base Fluid used	d: Lightning 17	Job Type:	Sand fr	ac		rd Services	\$2,200
Company:	BJ Services			-	NPC	Supervisor	\$300
Procedure or E	quipment detail:	sds down casi	ng		Lone V	Volf B2 sds	\$4,400
gals of p	ad	and the state of t		colation colors to the control of the color			
	1-5 ppg of 20/40 san	d	and the second s				
	5-8 ppg of 20/40 san			-			
	of 15% HCL acid			-		***	**************************************
Flush w/	gals of slick water						
Flush c	alled @ blender to inc	clude 2 bbls pun	np/line volun	ne			ansteneosical como brevitado de telescolores en estre Artia
Max TP:					-		
Ava TP:	Wax Nate.	rotal nuit	a pinipa:				
	Avg Rate:	Total Pro	p pmpd:	-			
ISIP:	Avg Rate:	Total Pro	p pmpd:	FG:	DAILY C	OST:	\$6,900



Affachment 9-1

Day: 4

DAILY COMPLETION REPORT

Report Date: July 19, 2006

Ashley Federal 13-27-9-15

WELL NAME:

Oper	ation:	Completion	n	-		Rig:	NC #1	i.
				WELL STATU	<u>S</u>		<u> </u>	
Surf Csg:	8-5/8' (323 '		Prod Csg: 5-1		5886'	Csg PBTD:	5811"WL
Tbg:		2-7/8" Wt	***	ird: j-55	Pkr/EOT @:		BP/Sand PBTD:	4810'
			DE	RFORATION RE	COPD		Plug 5570' 5300'	4980'
<u>Zone</u>		<u>Perfs</u>	SPF/#sl		Zone		<u>Perfs</u>	SPF/#shot
<u> Zone</u>		1 6113	01 1 7#31	nots	CP5 sds	5675-		4/40
B2 sds	47	46-4756'	4/40					
A1 sds		70-4882'	4/48					
LODC sds		82-5190'	4/32			***************************************		
CP1 sds CP2 sds		71-5385' 58-5469'	<u>4/56</u> 4/44			-		**************************************
CPZ SUS	. 34	30-3409	4/44					
Date Work	Daufaum	درا ایم	ly 18, 2006			SITP:	SICP:	0
							tag fill @ 4737'	
					OH w/ tbg.	Fill hole w/	11 bbls fluid. RU	BJ Service
"Ram Head	I frac flan	ge. RU Lone	Wolf WL1 & lu	bricator. SIFN.				.3.
			-	UID RECOVERY				
_		be recovered:	1736	Starting oil r	•			
Fluid <u>lost/re</u> Ending fluid		***************************************	11 1725	Oil lost/reco				
IFL:		FL:	FTP:	Choke:		Fluid Rate:	Final	oil cut:
		STIMULA	TION DETAIL				COSTS	
Base Fluid t	used:	ightning 17	Job Type:	Sand frac			NC #1 rig	\$4,52
Company:		Services	_ ′' _			Weath	erford BOP	\$140
Procedure of	or Equipn	ent detail:	- sds down ca	sing	•	N	C trucking	\$1,20
						NPC	water truck	\$400
gals	of pad					B&L -n	ew j-55 tbg	\$28,12
		og of 20/40 sa	nd			Unichem	n chemicals	\$30
		og of 20/40 sa				NPC sfc	equipment	\$130,00
		% HCL acid			· · · · · · · · · · · · · · · · · · ·		bor/welding	\$19,50
		of slick water		normalistic and a second se		***************************************	t Sanitation	\$60
	9-19				ONE THE PROPERTY OF THE PROPER	NPC location	and the state of t	\$30
Flus	sh called	@ blender to in	nclude 2 bbls no	ump/line volume			Supervisor	\$30
	····			uid pmpd:				+
Avg TP:	Α	vg Rate:	Total P	rop pmpd:	eur delle sessedak sykrisk direktekk de velend		novembro de frances e resta suche adelecta est	Belleville and the Control of the Prince of the Control of the Con
ISIP:		5 min:	10 min:			DAILY C	OST:	\$185,38
Comple	tion Sup	ervisor:	Ron Shuck			TOTAL W	ELL COST:	\$607,98

Rig:



DAILY COMPLETION REPORT

Report Date: July 20, 2006

Ashley Federal 13-27-9-15

Completion

WELL NAME:

Operation:

8 of 9

NC #1

Day: 5a

			WELL STA	ATUS			
Surf Csg:	8-5/8' @ 323 '			5-1/2"	@ 5886'	Csa PB	TD: 5811"WL
Tbg:	Size: 2-7/8" Wt:	6.5	Frd: j-55	Pkr/EOT		BP/Sand PB	
J	Material Association and the contract of the c		***************************************	**************************************		Plug 5570' 5 3	300' 4980'
		<u>P</u>	ERFORATION	RECORD			
<u>Zone</u>	<u>Perfs</u>	SPF/#s	<u>hots</u>	Zone	_	<u>Perfs</u>	SPF/#shots
	4740 47201	4/40		CP5 sd	s <u>5675</u>	-5685'	4/40
B2 sds	4746-4756'	4/40					
A1 sds LODC sds	4870-4882' 5182-5190'	4/48 4/32					
CP1 sds	5371-5385'	4/56					
CP2 sds	5458-5469'	4/44		***************************************			
Date Work	k Performed: July	19, 2006			SITP:	SIC	CP: 78
Date Work	renomiea. ouly	13, 2000			O .		
Day5a,							1 - 1 - 70
RU BJ &	frac stage #5, B2 sds w/	70,498#'s o	f 20/40 sand i	in 537 bbls	of Lightning 17	frac fluid. Ope	en well w/ /8 ps
on well. P	erfs broke down @ 2393	psi, back to	1300 psi. Tre	ated @ ave	pressure of 207	'5 w/ ave rate o	of 25.1 ppm w/ 8
	id. Spot 12 bbls of 15% h	ICL acid in f	lush for next s	stage. ISIP	was 2100. 226	2 bbis EWIR.	Leave pressure
on well. S	ee day5b.						
		FL	UID RECOVE	RY (BBLS)			
Starting flu	iid load to be recovered:	1725	Starting	oil rec to dat	te:		
Fluid <u>lost</u> /r	ecovered today:	536		ecovered to	day:		
Ending flui	id to be recovered:	2262		recovered:	***************************************		
IFL:	FFL:	FTP:	Choke:		Final Fluid Rate	Fi	nal oil cut:
	STIMULATI	ON DETAIL	:			COSTS	
Base Fluid	used: Lightning 17	Job Type:	Sand fi	rac		NC #1 rig	\$2,340
Company:	BJ Services				Weat	nerford BOP	\$140
	or Equipment detail:	B2 sds dow	n casing		NP	C frac water	\$1,800
			•		N	IPC fuel gas	\$300
5418	3 gals of pad	***************************************			BJ Sen	rices B2 sds	\$31,457
	5 gals w/ 1-5 ppg of 20/40	sand			Weatherf	ord Services	\$2,750
	gals w/ 5-8 ppg of 20/40				Lone	Wolf B2 sds	\$2,388
	5 gals w/ 8 ppg of 20/40 s						
	gals of 15% HCL acid			***************************************			
***************************************	h w/ 4242 gals of slick wa	ater					
to manufacture and a second	ish called @ blender to inc		ump/line volur	me**	And the second s		erica, especia de la sela aprilia de la managementa appear (a anta el materia
	2: 2290 Max Rate: 25			537 bbls			ALC: OF THE PARTY
Avg TP	2: 2075 Avg Rate: 25	.1 Total F	rop pmpd: 7	'0,498#'s			
ISIP	2: 2100 5 min:	10 min:		FG: <u>.88</u>	DAILY	COST:	\$41,175
Compl	etion Supervisor:	Ron Shuck			TOTAL W	ELL COST:	\$649,157



9 of 6

Day: 5b

DAILY COMPLETION REPORT

Report Date: July 20, 2006

WELL NAME: Ashley Federal 13-27-9-15

Opera	ation:	Compl	etion					Rig:	NC #	#1	***************************************
			 		WELL S		 	· · · · · · · · · · · · · · · · · · ·			THE RESERVE THE PARTY OF THE PA
Surf Csg:		323	-		Prod Csg:	5-1/2"	@ _	5886'		*****	5811''WL
ſbg:	Size:	2-7/8"	Wt:	<u>6.5</u> G	3rd: <u>j-</u> 4	55 Pkr/E	ОТ @: _		BP/Sand PE		4700'
				pr	PEORATI	ON RECOR	n		Plug 5570' 5	5300° 4	980' 481
Zone		<u>Perfs</u>		SPF/#sl	•		one		<u>Perfs</u>	s	PF/#shot
sds	46	38-4646'		4/32	<u></u>	CP5 s		5675	-5685'		/40
32 sds		46-4756'	***************************************	4/40	· · · · · · · · · · · · · · · · · · ·					*****	***************************************
\1 sds	48	70-4882'		4/48						-	
ODC sds		82-5190'		4/32	***************************************						
P1 sds		71-5385'		4/56							
P2 sds	54	58-5469'		4/44							
ate Work	Perform	ed:	July 19	, 2006				SITP:	s	ICP: _	4
RU BJ & frac roke down (c stage #6 @ 1883 p	6, C sds w/ si, back to	42,138# 1170 psi	s of 20/40 Treated	sand in 386 @ ave pres	6 bbls of Light sure of 2075	tning 17 w/ ave	frac fluid. rate of 25.1	8-46' w/ 4 spf for the spen well w/ 4 bpm w/ 8 ppg is rec'd. SIFN.	psi on	well. Pe
				FL	UID RECO	VERY (BBL	.S)			·····	
Starting fluid	d load to	be recover	ed:	2602		ng oil rec to d					
luid lost/ <u>re</u>			13	6	Oil los	t/recovered	today:				
nding fluid	to be red	covered: _	240	-	Cum c	oil recovered:					
IFL:	FI	FL:	FT	P:	Choke:		Final	Fluid Rate:	F	inal oi	l cut:
		STIMU	LATION	DETAIL					COSTS		
Base Fluid u	ısed:l	Lightning	<u>17</u> Jo	ob Type: _	Sand	d frac	 .		NC #1 rig		\$2,34
ompany:	BJ	Services		*				Weath	nerford BOP	-	\$14
rocedure o	r Equipn	nent detail:	C s	sds down o	casing			NP	C frac water	-	\$1,00
								N	PC fuel gas	_	\$14
3612	gals of p	ad						BJ Sei	vices C sds		\$18,45
		1-5 ppg of	20/40 sa	and				Weatherfo	ord Services		\$2,75
5245	gals w/ 5	5-8 ppg of 2	20/40 sa	ınd		·	•••	Lone	Wolf C sds		\$2,20
		gals of sl						NPC w	ater transfer		\$40
e open gestelde de d							<u> </u>		ACCOUNTY OF THE PROPERTY OF TH		
Max TP:	2750 M	lax Rate:	25.3	Total fl	uid pmpd:	386 bbls					
Avg TP:	2485 A	vg Rate:	25	Total P	rop pmpd:	42,135#'s					
ISIP:	2255	5 min:		10 min: _		FG: .92	·	DAILY	COST:		\$27,42
Comple	tion Sur	ervisor	Ro	n Shuck				TOTAL W	ELL COST:		\$676.57

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4543'.
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3.	Plug #2	Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4.	Plug #3	Pump 43 sx Class "G" cement down 5-1/2" casing to 373'.

The approximate cost to plug and abandon this well is \$35,401.

Ashley Federal 13-27-9-15

Spud Date: 06/02/06 Put on Production: 07/21/06

K.B.: 6659, G.L.: 6647

Proposed P & A Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

Cement Top @ 100'

LENGTH: 7 jts. (311') DEPTH LANDED: 322.85' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 0 bbls cmt to surf.

Pump 42 sx Class G Cement down 5 -1/2" casing to 373'

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 141 jts. (5873.17') DEPTH LANDED: 5886.42" KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 100'

200' Balanced Plug (25 sx) Class G Cement over water zone 2000' – 2200'

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4543'

Casing Shoe @ 323'

4638-4646

4746-4756

4870-4882`

5182-5190

5371-5385

5458-5469'

5675-5685

PBTD @ 5844'

TD @ 5900'

NEWFIELD

Ashley Federal 13-27-9-15

438' FSL & 510' FWL SW/SW Section 27-T9S-R15E

Duchesne Co, Utah

API #43-013-32878; Lease #UTU-74827

STATE OF UTAH

	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING										
SUNDRY	NOTICES AND REPO	ORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
Do not use this form for proposals to dri wells, or to drill horizont	ill new wells, significantly deepen existing wells be al laterals. Use APPLICATION FOR PERMIT TO	elow current bottom-	hole depth, reenter plugged	7. UNIT OF CA AGREEMENT NAME: GMBU							
1. TYPE OF WELL: OIL WELL		Series tom for sa	on proposuis.	8. WELL NAME and NUMBER: ASHLEY FEDERAL 13-27-9-15							
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY			9. API NUMBER: 4301332878							
3. ADDRESS OF OPERATOR:	2.2.4.1		PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:							
Route 3 Box 3630	CITY Myton STATE UT	ZIP 84052	435.646.3721	GREATER MB UNIT							
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 438 FSL1 5			1001010,0701	COUNTY: DUCHESNE							
OTR/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: SWSW, 27, T9S, R15E			STATE: UT							
CHECK APPROI	PRIATE BOXES TO INDICATE	E NATURE (OF NOTICE DED	OPT OF OTHER DATA							
TYPE OF SUBMISSION	RIATE BOXES TO INDICAT		PE OF ACTION	DR1, OR OTHER DATA							
	ACIDIZE		TE OF RETION	F-1							
■ NOTICE OF INTENT	1=	DEEPEN	1	REPERFORATE CURRENT FORMATION							
(Submit in Duplicate)	ALTER CASING	FRACTURE 1	TREAT	SIDETRACK TO REPAIR WELL							
Approximate date work will	CASING REPAIR	NEW CONST	RUCTION	TEMPORARITLY ABANDON							
	CHANGE TO PREVIOUS PLANS	OPERATOR (CHANGE	TUBING REPAIR							
	CHANGE TUBING	PLUG AND A	ABANDON	VENT OR FLAIR							
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL							
(Submit Original Form Only)	X CHANGE WELL STATUS	PRODUCTIO	N (START/STOP)	WATER SHUT-OFF							
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	_	ION OF WELL SITE	OTHER: -							
10/20/2010	X CONVERT WELL TYPE	=	TE - DIFFERENT FORMATION	Office.							
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show a			valumes etc							
	converted from a producing oil well			olumes, etc.							
Permission was given at the charted for 30 minutes with	ram with the State of Utah DOGM wat time to perform the test on 10/18, no pressure loss. The well was no presentative available to witness the	/2010. On 10/2 t injecting durii	20/2010 the casing wang the test. The tubin	AIT on the above listed well. as pressured up to 1390 psig and g pressure was 320 psig during the							
NAME (PLEASE PRINT) Lucy Chavez-N	aupoto		TITLE Administrative Ass	istant							
SIGNATURE ducy	Den Effer		DATE 10/28/2010								
(This space for State use only)											

RECEIVED NOV 0 1 2010

FORM 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

	Expires: July 31,2010
Lease Serial	No.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

USA UTU-74827 6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

FORM APPROVED OMB No. 1004-0137

1. Type of Well			OWIDO	
	Other		8. Well Name an	d No.
2. Name of Operator			ASHLEY FEDI	ERAL 13-27-9-15
NEWFIELD PRODUCTION CO	<u>)MPANY</u>		9. API Well No.	
3a. Address Route 3 Box 3630		3b. Phone (include are	code) 4301332878	
Myton, UT 84052		435.646.3721	10. Field and Po	ol, or Exploratory Area
, •	Sec., T., R., M., or Survey Desc	ription)	GREATER MI	BUNIT
438 FSLI 510 FWL LOT #4			11. County or Pa	rish, State
SWSW Section 27 T9S R15E			DUCHESNE,	UT
12. CHECK	APPROPRIATE BOX(ES) TO INIDICATE NA	TURE OF NOTICE, OR O	THER DATA
TYPE OF SUBMISSION		ТҮРЕ	OF ACTION	
	Acidize	Deepen	Production (Start/Resume)	☐ Water Shut-Off

Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 10/15/2010.

On 10/18/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 10/18/2010. On 10/20/2010 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test -Dennis Ingram.

API# 43-013-32878

I hereby certify that the foregoing is true and correct (Printed/Typed)	Title		
Lucy Chavez-Naunoto	Administrative Assistant		
Signature Con Nagar	Date 10/28/2010		
, /) This space for fi	EDERAL OR STATE OFFIC	CE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject leas which would entitle the applicant to conduct operations thereon.	l l		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

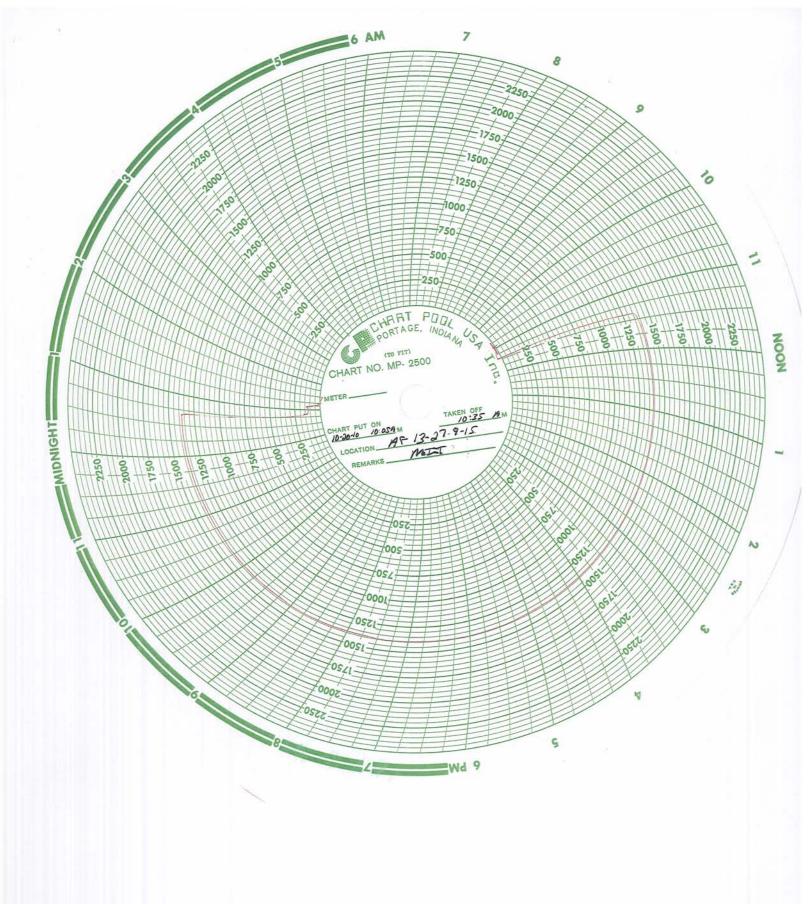
NOV 0 1 2010

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

am pm

	~~~	19-040-31 Z I	
Witness: Des Test Conducted & Others Present:	nnis Ingran	Date 10120	01 <u>/0</u> Time <u>/0:05</u>
Well: Ashley Fede	ral 13-27-9-15	Field:	NEWFIELD Monument Bu
Well Location: א בשלאט זכב של בשלאט בב של בשלאטיים במיי	Ashle, Federal 13 27-9-15 1,793, 215 E 1,44, UT UTU8	API No:	
	<u>Time</u>	Casing Press	<u>sure</u>
	0 min	1390	psig
	5	1390	psig
	10	1390	psig
	15	1390	psig
	20	1390	psig
		1390	psig
	30 min	1390	psig
	35		psig
	40		psig
	45		psig
	50		psig
	55		psig
	60 min		psig
	Tubing pressure:	320	psig
Signature of Wit	Result:	Pass	Fail
Ciam -4		1 - A - A	. /



Daily Activity Report

Format For Sundry ASHLEY 13-27-9-15 8/1/2010 To 12/30/2010

10/13/2010 Day: 1

Conversion

WWS #7 on 10/13/2010 - MIRU WWS #7. TOH w/ parted rods. Fish rod. LD 59 3/4" guided rods, fishing tool & parted rod. SIWFN - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit. TOH w/ parted rods(#60 body break). TIH w/ fishing tool. Fish rods. Unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 59 3/4" guided rods, fishing tool & parted rod. SIWFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit. TOH w/ parted rods(#60 body break). TIH w/ fishing tool. Fish rods. Unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 59 3/4" guided rods, fishing tool & parted rod. SIWFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit. TOH w/ parted rods(#60 body break). TIH w/ fishing tool. Fish rods. Unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 59 3/4" guided rods, fishing tool & parted rod. SIWFN.

Finalized
Daily Cost: \$0

Cumulative Cost: \$3,920

10/15/2010 Day: 2

Conversion

WWS #7 on 10/15/2010 - Finish LD rods. TOH w/ tbg breaking & doping. TIH w/ bit & scraper - Continue TOH & LD rod string and pump. Re-flushed rods once more on TOH. ND wellhead, TA was not set. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Continue TOH tbg. Bottom 20 jts of tbg had scale build up. PU & TIH w/ 4 3/4" bit, 5 1/2" csg scaper & 144 jts of tbg. SIFN w/ EOT @ 4580'. - Continue TOH & LD rod string and pump. Re-flushed rods once more on TOH. ND wellhead, TA was not set. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Continue TOH tbg. Bottom 20 jts of tbg had scale build up. PU & TIH w/ 4 3/4" bit, 5 1/2" csg scaper & 144 jts of tbg. SIFN w/ EOT @ 4580'. - Continue TOH & LD rod string and pump. Re-flushed rods once more on TOH. ND wellhead, TA was not set. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Continue TOH tbg. Bottom 20 jts of tbg had scale build up. PU & TIH w/ 4 3/4" bit, 5 1/2" csg scaper & 144 jts of tbg. SIFN w/ EOT @ 4580'.

Finalized

Daily Cost: \$0

Cumulative Cost: (\$9,940)

10/18/2010 Day: 3

Conversion

WWS #7 on 10/18/2010 - Finish bit & scraper run. TOH w/ bit & scraper. TIH w/ AS1 pkr pressure testing tbg. Fish SV. ND BOP. Pump pkr fluid. Set pkr and land tbg. Pressure test pkr & csg. RDMOSU. Ready for MIT. - Continue TIH w/ bit & scraper to 5719'. TOH w/ tbg. LD 36 jts of tbg & bit & scraper. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 144 jts 2 7/8 8rd 6.5# J-55 tbg. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi.

Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 50 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4579', CE @ 4582' & EOT @ 4586'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. RDMOSU. READY FOR MIT!!! - Continue TIH w/ bit & scraper to 5719'. TOH w/ tbg. LD 36 jts of tbg & bit & scraper. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 144 jts 2 7/8 8rd 6.5# J-55 tbg. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 50 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4579', CE @ 4582' & EOT @ 4586'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. RDMOSU. READY FOR MIT!!! - Continue TIH w/ bit & scraper to 5719'. TOH w/ tbg. LD 36 its of tbg & bit & scraper. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 144 its 2 7/8 8rd 6.5# J-55 tbg. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 50 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4579', CE @ 4582' & EOT @ 4586'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. RDMOSU. READY FOR MIT!!! Finalized

Daily Cost: \$0

Cumulative Cost: (\$170)

10/26/2010 Day: 4

Conversion

Rigless on 10/26/2010 - Conversion MIT - On 10/18/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 13-27-9-15). Permission was given at that time to perform the test on 10/18/2010. On 10/20/2010 the csg was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 320 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-32878 - On 10/18/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 13-27-9-15). Permission was given at that time to perform the test on 10/18/2010. On 10/20/2010 the csg was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 320 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-32878 - On 10/18/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 13-27-9-15). Permission was given at that time to perform the test on 10/18/2010. On 10/20/2010 the csg was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 320 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-32878 Finalized

Daily Cost: \$0

Cumulative Cost: \$31,650

Pertinent Files: Go to File List



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 31, 2008

Newfield Production Company 1401 17th Street, Suite 1000 Denver, Colorado 80202

Ashley Unit Well: Ashley Federal 13-27-9-15, Section 27, Township 9 South, Range 15 East, Duchesne County, Utah

Mr. Eric Sundberg,

Re:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been meet. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

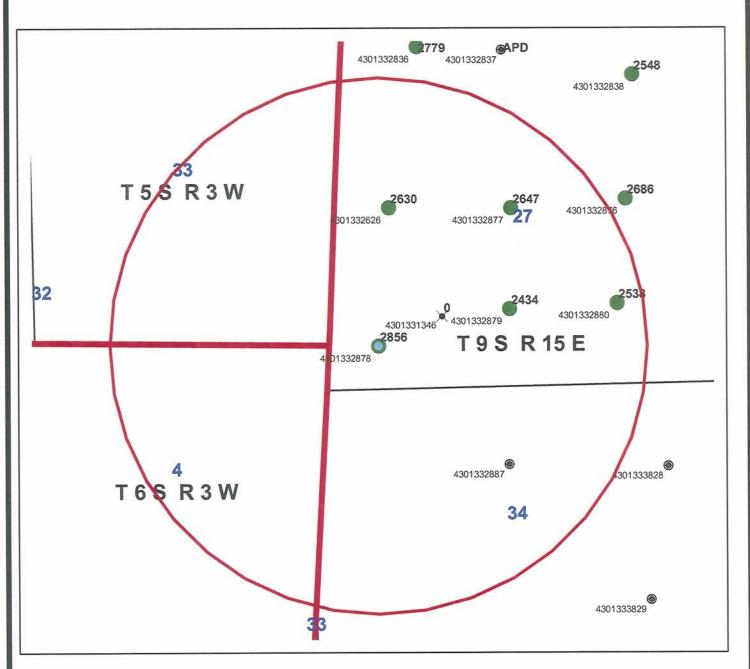
Sincerely,

Gil Hunt

Associate Director

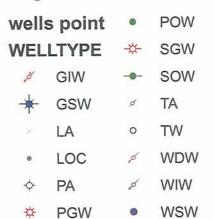
cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton
Duchesne County
Ute Tribe
Well File

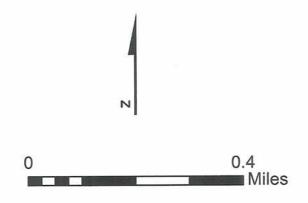




Ashley Federal 13-27-9-15

Legend





DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: <u>N</u>	Newfield Production Company	Well: <u>Ashle</u>	y Federal 13-27-9-15	
Location:	27/9S/15E	API: 43	-013-32878	

Ownership Issues: The proposed well is located on Federal land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government and Ute Tribe are the mineral owners within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Ashley Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,886 feet. A cement bond log demonstrates adequate bond in this well up to 2,856 feet. A 2 7/8 inch tubing with a packer will be set at 4,603 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 4 producing wells in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is approximately 2,947 feet. Injection shall be the interval between 3,807 feet and 5,800 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-27-9-15 well is .83 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,095 psig. The requested maximum pressure is 2,095 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Ashley Federal 13-27-9-15 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s):	Clinton Dworshak	Date	02/21/2008

AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

Publisher

Subscribed and sworn to before me this

7 day of February, 20

Notary Public





NOTICE OF AGENCY ACTION CAUSE NO. UIC 343

IN THE MATTER OF THE APPLICATION OF NEWFIELDEXPLORA-TION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 13-25-9-15 WELL LO-CATED IN SECTION 25, ASHLEY FEDERAL 13-26-9-15, ASHLEY FEDERAL 15-26-9-15 WELLS LOCATED IN SECTION 26, ASHLEY FEDERAL 3-27-9-15, ASHLEY FEDERAL 5-27-9-15, ASHLEY FEDERAL 7-27-9-15, ASHLEY FEDERAL 9-27-9-15, ASHLEY FEDERAL 11-27-9-15, ASHLEY FEDERAL 13-27-9-15, ASHLEY FEDERAL 15-27-9-15 WELLS LOCATED IN SECTION 27, TOWN-SHIP9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

THESTATEOFUTAH
TO ALL PERSONS IN-TERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield **Exploration Company for** administrative approval of the Ashley Federal 13-25-9-15 well, located in SW/4 SW/4 Section 25, Ashley Federal 13-26-9-15, located in SW/4 SW/4 Section 26, Ashley Federal 15-26-9-15, located in SW/4 SE/4 Section 26, Ashley Federal 3-27-9-15, located in NE/4 NW/4 Section 27, Ashley Federal 5-27-9-15, SW/4 NW/4 locate in Section 27, Ashley Federal 7-27-

the deer. onal volunteers are not blis time. If more help this time, if more help

Wk has been in contact us sportsman groups. ups are helping the

aly places in the state of the states of the soften soften organ sand Summit The DWR has started in these areas.

re prepared and ready

Exploration Company.

Any person desiring

to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their inter-

Dated this 21st day of February, 2008. STATE OF UTAH

DIVISION OF OIL, GAS & MINING Gil Hunt

Associate Director Published in the Uintah Basin Standard February 26, 2008.

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC 343

CAUSE NO. OIC 343
IN THE MATTER OF THE APPLICATION OF NEWFIELD EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 13-25-9-15 WELL LOCATED IN SECTION 25, ASHLEY FEDERAL 13-26-9-15.
ASHLEY FEDERAL 15-26-9-15 WELLS LOCATED IN SECTION 26, ASHLEY FEDERAL 3-27-9-15, ASHLEY FEDERAL 7-27-9-15.
ASHLEY FEDERAL 9-27-9-15.
ASHLEY FEDERAL 9-27-9-15.
ASHLEY FEDERAL 9-27-9-15.
ASHLEY FEDERAL 13-27-9-15.
ASHLEY FEDERAL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Exploration Company for administrative approval of the Ashley Federal 13-25-9-15 well, located in SW/4 SW/4 Section 25, Ashley Federal 13-26-9-15, located in SW/4 SW/4 Section 26, Ashley Federal 15-26-9-15, located in SW/4 SW/4 Section 26, Ashley Federal 13-27-9-15, located in NE/4 SW/4 Section 27, Ashley Federal 5-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 7-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 13-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 11-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 11-27-9-15, located in SW/4 SW/4 Section 27, Ashley Federal 11-27-9-15, located in SW/4 SW/4 Section 27, Ashley Federal 11-27-9-15, located in SW/4 SW/4 Section 27, Ashley Federal 11-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 15-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 15-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 15-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 15-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 15-27-9-15, located in SW/4 SE/4 Section 27, Ashley Federal 15-27-9-15, located in SW/4 SE/4 Section 27, wells, Township 9 South, Range 15 East, S.L.M., Duchesne Country, Utah, for conversion to Class II injection wells. These wells are located in the Ashley Units respectively. The proceeding will be conducted in accordance with Utah Admin. Ro49-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient in-formation submitted by Newfield Exploration Compa-

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PC Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2008.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gil Hunt
Associate Director

242405

UPAXLE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER DIVISION OF OIL, GAS AND MINING USA UTU-74827 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged 7. UNIT or CA AGREEMENT NAME: wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. **GMBU** 8. WELL NAME and NUMBER: OIL WELL GAS WELL 🔲 OTHER ASHLEY FEDERAL 13-27-9-15 2. NAME OF OPERATOR: 9. API NUMBER: NEWFIELD PRODUCTION COMPANY 4301332878 3. ADDRESS OF OPERATOR: PHONE NUMBER 10. FIELD AND POOL, OR WILDCAT: =Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721 GREATER MB UNIT LOCATION OF WELL FOOTAGES AT SURFACE: 438 FSLI 510 FWL LOT #4 COUNTY: DUCHESNE OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 27, T9S, R15E STATE: UT bare. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA :11: TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION $-\mathbf{X}$ NOTICE OF INTENT ALTER CASING FRACTURE TREAT (Submit in Duplicate) SIDETRACK TO REPAIR WELL CASING REPAIR NEW CONSTRUCTION TEMPORARITLY ABANDON Approximate date work will CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR 12/13/2010 CHANGE TUBING PLUG AND ABANDON VENT OR FLAIR CHANGE WELL NAME PLUG BACK SUBSEQUENT REPORT WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/STOP) WATER SHUT-OFF Date of Work Completion: COMMINGLE PRODUCING FORMATIONS X OTHER: - Put on Injection RECLAMATION OF WELL SITE X CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION †2: DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 12:30 PM on 12-13-2010. 3. 7.

(This space for State use only)

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

RECEIVED

TITLE Administrative Assistant

12/14/2010

DEC 1 6 2010

DIV. OF OIL, GAS & MINING



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-343

Operator:

Newfield Production Company

Well:

Ashley Federal 13-27-9-15

Location:

Section 27, Township 9 South, Range 15 East

County:

Duchesne

API No.:

43-013-32878

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on March 31, 2008.
- 2. Maximum Allowable Injection Pressure: 2,000 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,807' 5,800')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Date

Associate Director

JR/MLR/is

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

Eric Sundberg, Newfield Production Company, Denver

Newfield Production Company, Myton

Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Sundry Number: 66247 API Well Number: 43013328780000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74827
SUNDR	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly c reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: ASHLEY FED 13-27-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013328780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0438 FSL 0510 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 27 Township: 09.0S Range: 15.0E Merid	ian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
9/17/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	L TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 5 YR MIT
On 09/14/2015 R contacted concer 09/17/2015 the cas 30 minutes with no test. The tubing pr State represen	COMPLETED OPERATIONS. Clearly show a Richard Powell with the State rning the 5 Year MIT on the a ing was pressured up to 120 pressure loss. The well was ressure was 206 psig during stative available to witness the	of Utah DOGM was above listed well. On 3 psig and charted for not injecting during the the test. There was a set test - Mark Jones.	Accepted by the Utah Division of Oil, Gas and Mining
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBE 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 9/18/2015	

Sundry Number: 66247 API Well Number: 43013328780000

Mechanical Integrity Test Casing or Annulus Pressure Test

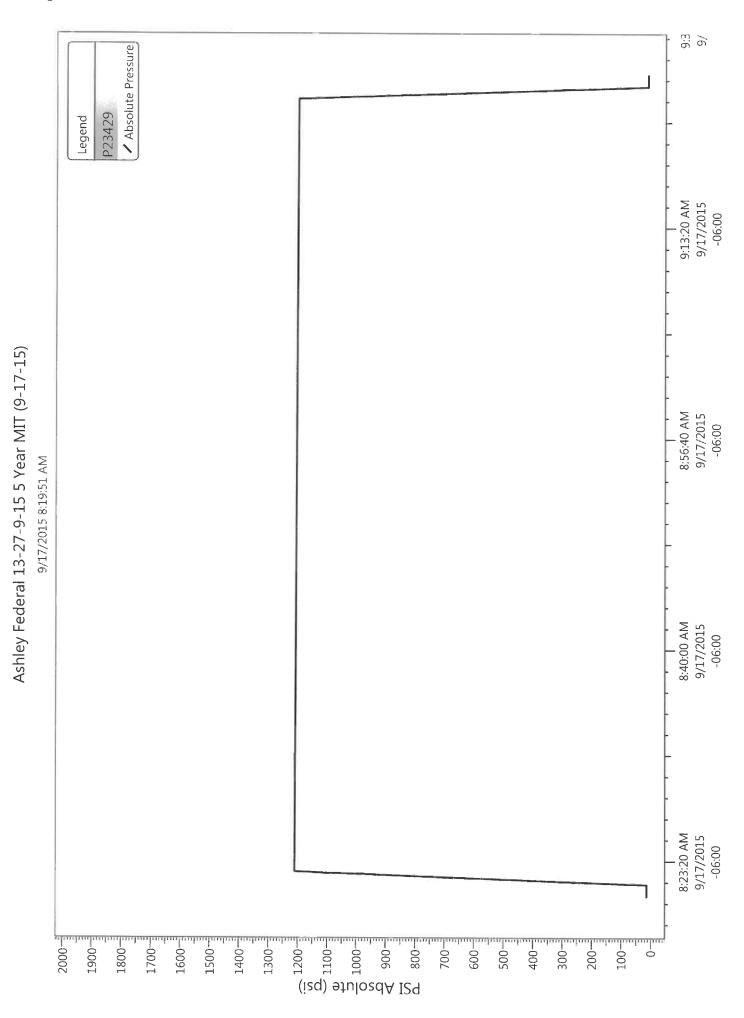
Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Mark Jones Test Conducted by: Michael Jensen	Date 9 1 17 1 15 Time 9:21	am pm
Others Present: Jeremy Prive		
Well: Ashley Federal 13-27-9-15	Field: Monument Butte	
Well Location: SWISW Sec. 27, Tas, RISE	API No: 43-013-32878	

<u>Time</u>	Casing Pressure	
0 min	1210.6	_ psig
5	1209.0	_ psig
10	1207.6	- psig
15	1207.6	psig
20	1206.0	psig
25	1205.8	psig
30 min	1204.8	psig
35	1204.6	psig
40	1204.8	psig
45	1203.6	psig
50	1203.6	psig
55	1203.0	psig
60 min	1203-0	psig
Tubing pressure:	206	_ psig
Result:	Pass	Fail

Signature of Person Conducting Test:

Thebal K



NEWFIELD Schematic -013-32878 Well Name: Ashley 13-27-9-15 Surface Legal Location 27-9S-15E 43013328780000 500159132 Utah GMBU CTB3 Duchesne On Production Date Ground Elevation (ft) Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original KB Elevation (ft) Original Hole - 6,139.8 6,084 6/26/2004 7/16/2004 7/21/2006 6.096 Most Recent Job Secondary Job Type Job Start Date Job End Date Primary Job Type N/A 9/17/2015 9/17/2015 Testing TD: 6,166.0 Vertical - Original Hole, 12/7/2015 10:12:19 AM TVD MD (ftKB) (ftKB) Incl (°) DLS Vertical schematic (actual) DLS (°. 12.1 320.2 1; Surface; 8 5/8 in; 8.097 in; 12-321 ftKB; 309.15 ft 321.2 350.1 3-1; Tubing; 2 7/8; 2.441; 12-4,175; 4,163.04 4,175.2 3-2; Seating Nipple; 2 7/8; 2.441; 4,175-4,176; 1.10 4,176.2 3-3; Packer; 5 1/2; 4,176-4,184; 7.54 4,183.7 4,247.0 Perforated; 4,247-4,255; 7/30/2004 4,254.9 4,530.8 Perforated; 4,531-4,541; 7/30/2004 4,541.0 4,579.1 Perforated; 4,579-4,589; 7/30/2004 4,588.9 4.980.0 Perforated; 4,980-4,990; 7/29/2004 4,990.2 5,116.1 Perforated; 5,116-5,126; 7/29/2004 5,126.0 5,759.8 Perforated; 5,760-5,778; 7/27/2004 5,777.9 5,828.1 Perforated; 5,828-5,838; 7/27/2004 5,837.9 5,845.1 Perforated; 5,845-5,856; 7/27/2004 5,856.0 5,874.0 Perforated; 5,874-5,888; 7/27/2004 5.888.1 6,060.0 6,139.8 6,140.4 6,159.1 6,159.8 2; Production; 5 1/2 in; 4.950 in; 12-6,160 ftKB; 6,147.79 ft 6,166.0

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Report Printed: 12/7/2015

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NEWFIELD

Newfield Wellbore Diagram Data Ashley 13-27-9-15

27-9S-15E					430133287800	00		Lease	_
ounty Duchesne		State/Province Utah			Basin		Field Name GMBU CTB3		
/ell Start Date	2/2006	Spud Date	6/26/20	104	Final Rig Release Da	te 7/16/20	104	On Production Date	2006
riginal K8 Elevation (ft)		Total Depth (ftKB			Total Depth All (TVD)		104	PBTD (All) (ftKB)	2006
6,09	6 6,084			6,166.0				Original Hole - 6,139	9.8
asing Strings	a Dan	Run Dat		OD (in)	10 (in)		\A(#/) on ((b)#1)	Grade	Sat Donth (#K9)
urface	sg Des	6/26/2004	B	8 5/8	ID (in) 8.1	097	Wt/Len (lb/ft) 24.00	J-55	Set Depth (ftKB)
roduction		7/16/2004		5 1/2	4.9	950	15.50	J-55	6,16
ement						10			
	21ftKB 7/2/2004								
menting Company J Services Comp	anv				Top Depth (ftKB)	12.0 Bd	ottom Depth (ftKB) 321.2	Full Return?	Vol Cement Ret (bbl)
id Description					Fluid Type		nount (sacks)	Class	Estimated Top (ftKB)
6 CaCL2 + 1/4#/	n, 6,160ftKB 7/16/20	104			Lead		150	G	12
menting Company		104			Top Depth (ftKB)		ottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
J Services Comp	any				Fluid Type	50.0	6,166.0 mount (sacks)	Class	Estimated Top (ftKB)
	CL, 3#'s /sk CSE + 2#	sk/kolseal + 1	/2#'s/sk C	ello Flake	Lead	7"		Premlite II	350
id Description	., .5%EC1,1/4# sk C.I	= 2% del 3%	SM	mmetra -	Fluid Type Tail	Ar	mount (sacks)	Class 50/50 POZ	Estimated Top (ftKB) 3,258
ubing Strings	-, :070E01,174# 3K 0.1	. 2 70 gci. 0 70	OW		Tail		400	100/301 02	3,230
bing Description ubing					Run Date	3/30/20	205	Set Depth (ftKB)	4,183
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	3/30/20	Len (ft)	Top (ftKB)	Btm (ftKB)
ubing	128		2.441	6.50	J-55		4,163.04	12.0	4,175
eating Nipple		2 7/8	2.441	3			1.10	4,175.0	4,176
od Strings		5 1/2					7.54	4,176.1	4,183
od Description					Run Date			Set Depth (ftKB)	
Item Des	Jts	OD (in)		Wt (lb/ft)	Grade		Len (ft)	Top (ftKB)	Btm (ftKB)
nom bus	0.0	00 (111)		Y (W)	Olaso		Loning	Top (taxb)	Dun (luxo)
Other In Hole									
		Des			Top (ftKB)	000	Btm (ftKB)	Run Date	Pull Date
11	rale				0,	060	6,140	7/2/2005	
			2/	Btm (ftKB)	Shot Dens (shots/	ft)	Phasing (°)	Nom Hole Dia (in)	Date
Stage#	Zone	Top (ftKE)	Duit (taxb)	Shot Dens (shots)		The second secon	0.140	7/30/2004
Stage# 4 GB4, Or	Zone riginal Hole	Top (ftKE	4,247	4,255	Shot Dens (shots)	4		0.00	V melestre elect
Stage# 4 GB4, Or 3 PB10, C	Zone riginal Hole Priginal Hole	Top (ftKE	4,247 4,531	4,255 4,541	Shot bens (shots)	4		0.410	7/30/2004
4 GB4, Or 3 PB10, C 3 PB10, C	Zone riginal Hole Driginal Hole Driginal Hole	Top (ftKE	4,247 4,531 4,579	4,255 4,541 4,589	Shot Dens (shots)	4 4 4		0.410 0.410	7/30/2004 7/30/2004
4 GB4, Or 3 PB10, C 3 PB10, C	Zone riginal Hole Priginal Hole	Top (fike	4,247 4,531	4,255 4,541	LJS (CC) ESC. E	4		0.410 0.410	7/30/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F	Zone riginal Hole priginal Hole priginal Hole RAC), Original Hole rinal Hole	Top (fike	4,247 4,531 4,579 4,980 5,116	4,255 4,541 4,589 4,990 5,126	LJS (CC) ESC. E	4 4 4		0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or	Zone iginal Hole Original Hole Original Hole Original Hole IRAC), Original Hole Inal Hole Inal Hole	Top (fixe	4,247 4,531 4,579 4,980 5,116 5,760	4,255 4,541 4,589 4,990 5,126 5,778	LJS (CC) ESC. E	4 4 4		0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or	Zone iginal Hole Original Hole Original Hole Original Hole IRAC), Original Hole Inal Hole Iginal Hole Iginal Hole	Top (fixe	4,247 4,531 4,579 4,980 5,116 5,760 5,828	4,255 4,541 4,589 4,990 5,126 5,778 5,838	LJS (CC) ESC. E	4 4 4 4 4		0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or	Zone iginal Hole Original Hole Original Hole Original Hole inal Hole iginal Hole iginal Hole iginal Hole iginal Hole iginal Hole	Top (fixe	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856	LJS (CC) ESC. E	4 4 4 4		0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or	Zone iginal Hole original Hole original Hole original Hole inal Hole iginal Hole iginal Hole iginal Hole iginal Hole iginal Hole iginal Hole	Top (fixe	4,247 4,531 4,579 4,980 5,116 5,760 5,828	4,255 4,541 4,589 4,990 5,126 5,778 5,838	LJS (CC) ESC. E	4 4 4 4 4 4 4		0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or	zone iginal Hole original Hole original Hole original Hole iRAC), Original Hole inal Hole iginal Hole	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888	Max PSI (psi)	4 4 4 4 4 4 4 4	Total Clean Vol (bbl)	0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or timulations & Tr	Zone iginal Hole original Hole original Hole original Hole inal Hole iginal Hole	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874 (psi/ft) 0.76	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888 Max Rate (bbl/min)	Max PSI (psi) 2,	4 4 4 4 4 4 4 4		0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004
# GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or timulations & Tr	zone iginal Hole original Hole original Hole original Hole iRAC), Original Hole inal Hole iginal Hole	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888	Max PSI (psi) 2, 2.1	4 4 4 4 4 4 4 4		0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or timulations & Tr	Zone iginal Hole Original Hole Original Hole Original Hole IRAC), Original Hole iginal Fole iginal Hole iginal Hole 1 ISIP (psi) 1,900 1,750	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874 (psi/ft) 0,76 0,78	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888 Max Rate (bbl/min) 39.2 19.0	Max PSI (psi) 2, 2.3	4 4 4 4 4 4 4 4 4 1110 582		0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or timulations & Tr Stage#	Zone iginal Hole Original Hole Original Hole Original Hole Original Hole IRAC), Original Hole iginal Hole iginal Hole iginal Hole iginal Hole iginal Hole iginal Hole 2 ISIP (psi) 1,750 2,100 2,200	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874 (psi/ft) 0.76 0.78 0.89	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888 Max Rate (bbl/min) 39.2 19.0 24.7	Max PSI (psi) 2, 2.3	4 4 4 4 4 4 4 4 4 4 582 023		0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004
Stage# 4 GB4, Or 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or timulations & Tr Stage#	Zone iginal Hole Original Hole Original Hole Original Hole IRAC), Original Hole iginal Fole iginal Hole 15IP (psi) 1,900 1,750 2,100	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874 (psi/ft) 0.76 0.78 0.89 0.96	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888 Max Rate (bbl/min) 39.2 19.0 24.7 24.0	Max PSI (psi) 2, 2, 2, 2, 2,	4 4 4 4 4 4 4 4 4 4 582 023	Total Clean Vol (bbl)	0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004
# GB4, Or 3 PB10, C 2 C (NO F C P2, Or 1 CP2, Or 1 CP3,	Zone iginal Hole original Hole original Hole original Hole original Hole iginal Fole iginal Hole igina	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874 (psi/ft) 0.76 0.78 0.89 0.96	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888 Max Rate (bbl/min) 39.2 19.0 24.7 24.0	Max PSI (psi) 2, 2, 2, 2, 2,	4 4 4 4 4 4 4 4 4 4 7 110 582 023 298	Total Clean Vol (bbl)	0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004
4 GB4, Or 3 PB10, C 3 PB10, C 2 C (NO F 2 B2, Orig 1 CP1, Or 1 CP2, Or 1 CP2, Or 1 CP3, Or 5 Ctimulations & Tr Stage#	Zone iginal Hole original Hole original Hole original Hole original Hole iginal Fole iginal Hole igina	Frac Gradient Proppant Wi	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874 (psi/ft) 0.76 0.78 0.89 0.96	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888 Max Rate (bbl/min) 39.2 19.0 24.7 24.0	Max PSI (psi) 2, 2, 2, 2, 2,	4 4 4 4 4 4 4 4 4 4 7 110 582 023 298	Total Clean Vol (bbl)	0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004
## GB4, Or 3 PB10, C 2 C (NO F C C C C C C C C C C C C C C C C C C	Zone iginal Hole original Hole original Hole original Hole original Hole iginal Fole iginal Hole igina	Frac Gradient	4,247 4,531 4,579 4,980 5,116 5,760 5,828 5,845 5,874 (psi/ft) 0.76 0.78 0.89 0.96	4,255 4,541 4,589 4,990 5,126 5,778 5,838 5,856 5,888 Max Rate (bbl/min) 39.2 19.0 24.7 24.0	Max PSI (psi) 2, 2, 2, 2, 2,	4 4 4 4 4 4 4 4 4 4 7 110 582 023 298	Total Clean Vol (bbl)	0.410 0.410 0.410 0.410 0.410 0.410 0.410	7/30/2004 7/30/2004 7/29/2004 7/29/2004 7/27/2004 7/27/2004 7/27/2004 7/27/2004